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tattttgag cccttccacc tccaagagat atgaccagcg ctaacagtaa ctagctcctc 600
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<400> 27026

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<210> 27027
<211> 229
<212> DNA
<213> Aspergillus nidulans

<400> 27027

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<210> 27028
<211> 381
<212> DNA
<213> *Aspergillus nidulans*

<400> 27028

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<210> 27029
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27029

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<211> 264
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<210> 27033
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<213> *Aspergillus nidulans*

<400> 27033

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<210> 27034
<211> 445
<212> DNA
<213> *Aspergillus nidulans*

<400> 27034

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atttcaacag gcattgacgc cacgcaaacc aatcacggc gccaacatct cgacgaaacc 360
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<210> 27035
<211> 875
<212> DNA
<213> *Aspergillus nidulans*

<400> 27035

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<210> 27036
<211> 249
<212> DNA
<213> *Aspergillus nidulans*

<400> 27036

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acttgctaa 249

<210> 27037
<211> 244
<212> DNA
<213> *Aspergillus nidulans*

<400> 27037
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tcgcccggatg ataccagcga tttaatcgac atggtcgggtg gtgcgcgcgt ggtggtaaag 180
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aagc 244

<210> 27038
<211> 314
<212> DNA
<213> *Aspergillus nidulans*

<400> 27038
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gttcttgtgg gtagtgaattt gttttttct tccagtacaa atagtggtcg atagtcgtct 180
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<210> 27039
<211> 606
<212> DNA
<213> *Aspergillus nidulans*

<400> 27039

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<210> 27040

<211> 228

<212> DNA

<213> *Aspergillus nidulans*

<400> 27040

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gcggcggtgc gagcccagac ggcttgccttc aactacgtct gcactcgtcc aaccctttc 120
ctcaaaccag gttcgtccg gcaagcagcc ggagagtgc aagctagcta ctggggacaa 180
tcgtaagctt gactctgcct caaacgagct tttcaaaagt gccgaatg 228

<210> 27041

<211> 239

<212> DNA

<213> *Aspergillus nidulans*

<400> 27041

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gcagcagcag cttgcagtgc agttccaagt ttggaaatag caagatccgt ccgtgcacta 120
gctctaagga gttcgacagc tcccacctcc cttcggcag cggcaattac gaggggatat 180

ccactgggtt cattataaat gaacgaatcc gggctgcac caagttcgag gagaagtga 239

<210> 27042

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<212> DNA

<213> Aspergillus nidulans

<400> 27042

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<210> 27043

<211> 385

<212> DNA

<213> Aspergillus nidulans

<400> 27043

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acgcaacaaa aggtcgtgcc gttaa 385

<210> 27044

<211> 449

<212> DNA

<213> Aspergillus nidulans

<400> 27044

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aagcgtttg gccatatacct attcctgaat caatccgatg gcaagagatt tctggctcat 180
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<210> 27045
<211> 348
<212> DNA
<213> *Aspergillus nidulans*

<400> 27045

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<212> DNA
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<400> 27046

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<210> 27047
<211> 466
<212> DNA
<213> Aspergillus nidulans

<400> 27047

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<210> 27048
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<212> DNA
<213> Aspergillus nidulans

<400> 27048

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694

<210> 27049

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<212> DNA

<213> Aspergillus nidulans

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taccaaggct ttggtgtacg acagccattt cccgcccgtt caaaacctgg agaagagtct 240

gcggatggtt caataagtga tggcgcgcag ggcgagcaag ttaaggctta a 291

<210> 27050

<211> 322

<212> DNA

<213> Aspergillus nidulans

<400> 27050

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catagtcttg gaaatagcta ctttgagttt acatcgacac ttcctataat tcgagtttc 180

cggtctcgctc tggacctagt gcaagtgttc gtaactgtaa ttttaagaat attcaggggca 240

gggatacttg aaaaaccagg ttctcgacag ttcatcccag aaccctgca agtcaaggag 300

caagaaggca gcctgcgagt ga

322

<210> 27051

<211> 440

<212> DNA

<213> Aspergillus nidulans

<400> 27051

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tcaatatttg aggaagaaga gaaaccaact aaccctgcag gacatggctg gacgacacat 180

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<211> 522
<212> DNA
<213> *Aspergillus nidulans*
<400> 27052

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<210> 27053
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<212> DNA
<213> *Aspergillus nidulans*
<400> 27053

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<400> 27054

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<400> 27055

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<212> DNA
<213> Aspergillus nidulans

<400> 27056

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<213> Aspergillus nidulans

<400> 27057

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<210> 27058
<211> 279
<212> DNA
<213> *Aspergillus nidulans*

<400> 27058

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<212> DNA
<213> *Aspergillus nidulans*

<400> 27059

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<210> 27060
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27060

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<212> DNA
<213> *Aspergillus nidulans*

<400> 27061

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<210> 27062
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27062

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<212> DNA
<213> *Aspergillus nidulans*

<400> 27063

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<210> 27064
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<400> 27064

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 gtcaagggtca cggatggctt cgatgcaagt ttgtgcccaa gtgtgccac gctgcgaaag 180
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<210> 27065
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27065

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<210> 27066
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27066

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<210> 27067
<211> 354
<212> DNA
<213> *Aspergillus nidulans*

<400> 27067

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<213> Aspergillus nidulans						
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<210> 27070
<211> 851
<212> DNA
<213> *Aspergillus nidulans*

<400> 27070

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<211> 414
<212> DNA
<213> Aspergillus nidulans

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<210> 27072
<211> 312
<212> DNA
<213> Aspergillus nidulans

<400> 27072
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<210> 27073
<211> 234
<212> DNA
<213> *Aspergillus nidulans*

<400> 27073

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<210> 27074
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27074

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670

<210> 27075
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<212> DNA
<213> Aspergillus nidulans

<400> 27075

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<210> 27076
<211> 378
<212> DNA
<213> Aspergillus nidulans

<400> 27076

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<210> 27077
<211> 246
<212> DNA
<213> Aspergillus nidulans

<400> 27077

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tctcataaccg caccggcagg tccctctgtg actccggccc ctcctattat tcctacgccc 180
caagtcaacc cgtacaacta ctatccacaa cagagtcctg tcaacggggg ctatggaaat 240
gccttag 246

<210> 27078
<211> 267
<212> DNA
<213> Aspergillus nidulans

<400> 27078

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ccgccccgaag accttccacc acctcctcct gaaccggaag taaagaaaaaa gaaggtggga 180
tggggtacca agcgtccggc tacgacgccc ttgagtgtag aggagttgt tcggaagaaa 240
agagaagccg atgcagcagc ggctcgg 267

<210> 27079
<211> 370
<212> DNA
<213> Aspergillus nidulans

<400> 27079

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aacgaagata ccctaacggc cacgggcaat ctgggtcgta ccaaggccaa attctacgag 180

aacctcgatg aagcaaagtc actactcaag cgagcatcac acggcatgag caaggtactc 240
gggacaacgc atgtgaagac tttgatcgtg caagaggacc tcgcccgtct tgccgcgcag 300
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aaaaaggtag 370

<210> 27080
<211> 565
<212> DNA
<213> *Aspergillus nidulans*

<400> 27080

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cagactgggt gttcctggta gcgaggaggc gggtgtcaag agcaccactg gcgagtacaa 480
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<210> 27081
<211> 335
<212> DNA
<213> *Aspergillus nidulans*

<400> 27081

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gcacaggcgg tggatttgggt ggctttggct ctacgacgac gagtggtttt ggtagctcga 180
acaccggcac cagtctgtttt ggaagcaagc ctgcaggagg agggtttggc agcacaactg 240
gaacttggAAC cggAAacttggA ttccggtaactg gaacttggctt cggcagcagc agtggctcag 300

gcttttgtgg agcaggaact gctttccagc agggg 335
 <210> 27082
 <211> 501
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27082

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 cttgattact actactatcc atgggttggc tcgtatgttt cactctccgc cttgcaaatac 180
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 cacgtacaca ctctcctatc cagctctgct ggcaatcaca gagacggagc ctgaagatga 360
 acggccggaa aacacaaacc cagtaaatgt gatTTTgtca acctcataca gcaatttcac 420
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 ctttgaaagc atagatgttt c 501

 <210> 27083
 <211> 656
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27083

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 acaacccgta tacttcaggc agccgtgcac ccgtataccc gtacagcctg ctaatgctat 180
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 aacgaaggct gggtcgcccac cgacgagcta gacggcccca gatacaggcg cagccgactc 360
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ccggcggcag gaacgcacca ctatccgaa gtgagaggag gtgcactcgt tgcgtgttc 600
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<210> 27084
<211> 939
<212> DNA
<213> *Aspergillus nidulans*

<400> 27084

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ggcggagctt cgccaggagac ggtatggcgc agctgttctg ggtcagagcg gtacgtcaag 180
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cccacgacaa caacgagggtt acactaacgc tgaaaaatga caatccgcaa ctccaagggtg 840
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gggtcgatgg ggcgagttatg ggatattctt atttctatg 939

<210> 27085
<211> 246
<212> DNA
<213> *Aspergillus nidulans*

<400> 27085

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gatggctata cccagctgcc aacacacaaa gcttctgacg ctaattggac tgctccaagc 180
cgccgcgagg aggaggatac cttctgtgcc cgcaagttgc tggAACCCat gactgttggg 240
cgctag 246

<210> 27086

<211> 760

<212> DNA

<213> Aspergillus nidulans

<400> 27086

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aggatcggac tctcaagaca gctccctgga attgcaggct taccttgac tcgtccgcga 180
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<210> 27087

<211> 249

<212> DNA

<213> Aspergillus nidulans

<400> 27087

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aaggtcagag tcctcgcat tgaggcgggc agcaacagcg tcagagatcc tcgtattca 180
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ccaccacag 249

<210> 27088
<211> 800
<212> DNA
<213> Aspergillus nidulans

<400> 27088

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gccgattaca tcaccgacaa cggcggccccc atgtacctgg actataatac caccgggcct 180
tactactacg ccgacgcccga cgtgcaactg gtccatgaaa cttgtccgt cgacgcgaac 240
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<210> 27089
<211> 283
<212> DNA
<213> Aspergillus nidulans

<400> 27089

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caggtttga	acttggacag	cctttgatg	agagttggta	tggcatcgac	cctgatccgg	180
atcagtctt	gagctatttg	atctggagc	actctcggtt	ggatggctgg	caaggcactc	240
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tactcatcaa	gtcgatacca	ttggtcgggc	gatggaaacg	ggacttaggtt	cttcctgcca	240
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<210> 27091
<211> 576
<212> DNA
<213> *Aspergillus nidulans*

<400> 27091
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<210> 27092
<211> 240
<212> DNA
<213> *Aspergillus nidulans*

<400> 27092
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ttcggtgcgg gcagggttct atcgccgaca ttccctgtgc gcaacgcgc tggagtagat 180
gactggatga tgcttggatgc ctatgttggt gccagtgctg gctttggacg tacatcgtga 240

<210> 27093
<211> 458
<212> DNA
<213> Aspergillus nidulans

<400> 27093

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cctgtgttaa tagatccaag atccctgca ctgtccacgg cccttccag actccacacc 180
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tcaacgacct cacagatgag aataagtgtg cggaaatgcac gggtgagaag ttttctgttc 300
ttctaaccgg ccatgtgcgc gagatccgag acgcaagaa gaatggcag tggcgaagg 360
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<210> 27094
<211> 431
<212> DNA
<213> Aspergillus nidulans

<400> 27094

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tggctaattt acattctcca gaattaaaga ccggtaact cgtcaaagat gaacacttta 180
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cccaaaatgg acagtggata cctcgccccca gaagagaaag gacaggatt ggaggatgac 360
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tttgccatga g 431

<210> 27095
<211> 297
<212> DNA
<213> Aspergillus nidulans

<400> 27095
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atttgcttag tgtacttctg cgcgacaatg tggacaaaat atgtcgatcc gttctgtgcc 180
cgcatgaccc aaaagatgga gaaccacatg ttcatccagg acgagaaaacc tgcacaggcc 240
gaaacactac cttgaccc catgccatg cagacgatgc caattcaaaa cgccctaa 297

<210> 27096
<211> 315
<212> DNA
<213> Aspergillus nidulans

<400> 27096
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ttgcttaggcc acgactaaa tacgaccgag accaacacca cccggactac cgctgcgcct 180
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<210> 27097
<211> 738
<212> DNA
<213> Aspergillus nidulans

<400> 27097
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gaccgtgcag gccgagcggc acgacttctc caaatccacc gagagcgtga gtctcggtcc 480
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<210> 27098

<211> 240

<212> DNA

<213> *Aspergillus nidulans*

<400> 27098

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accggccat tccagggtcc aaccccccgtt gagggtgcct ccgctggtgc tcaccaggga 180
aaccaggcga aaaccccttt ttgggttgtt caaacaccgc acttttttat gcttggttaa 240

<210> 27099

<211> 603

<212> DNA

<213> *Aspergillus nidulans*

<400> 27099

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tttaatgatg ccaaaaactaa aggtgtgacg ctggAACGAG gcacgttcgc ggatttggat 180
cgcccagtgc acacattgcg ccagggaaac aagcgcttta tcttgcgttt taagaacgt 240
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cataatcggtt ttcttttagc gcagaaggcc aaaactgatc ctttgacgt ggattggctg 480
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tag 603

<210> 27100
<211> 356
<212> DNA
<213> Aspergillus nidulans

<400> 27100

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<210> 27101
<211> 795
<212> DNA
<213> Aspergillus nidulans

<400> 27101

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<210> 27102
<211> 321
<212> DNA
<213> Aspergillus nidulans

<400> 27102

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aatctcgctct tgaaggactg tatgctcggg tttcgctgc cacgatcggg ttgtgctcgc 180
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tgccctcgacg ttgctggttg a 321

<210> 27103
<211> 1388
<212> DNA
<213> Aspergillus nidulans

<400> 27103

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<210> 27104
<211> 622
<212> DNA
<213> *Aspergillus nidulans*

<400> 27104

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tgggagcccg atgtctacga tgacggttac gggaaacccta ccattggata cggccacctg 180
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gccctcgatc cctgggtgcta taacgtcggc gcggggcccg tcgcccggatc gacccttgcg 480
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cttttccaaa ccagcagtga tg 622

<210> 27105
<211> 1062
<212> DNA
<213> Aspergillus nidulans

<400> 27105

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cgccgctcgt caaggatttt tgccggcaaca ccagctgccc aagtcgaaaa aaatcaactt 180
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gaccgaaaacg ctgtcaaaga gctggatgaa ctccttctcg atcttcgagt ggagatgcat 1020
gaggcttgc ggccatca tgccagtgc acccatggct aa 1062

<210> 27106
<211> 270
<212> DNA
<213> Aspergillus nidulans

<400> 27106

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ctatccgtcg ccgctgcccgc gggatggcaa ccacattcag cccggtctcg tgtcagactg 120
ggcttacgaa acagcgccca cctcggtttc ttgcgaagac gaaggatcca ggatgttgaa 180
aacaaaaaca ttttatgtcc aagcaagtca agcaagtctt cattcgcaga tggcggagct 240
gaagtacgcc taaaggatgg agcccccttag 270

<210> 27107
<211> 420
<212> DNA
<213> *Aspergillus nidulans*

<400> 27107

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caaaaaccaag aaggaccaag ccccgaacgc acggaaaaaa ccacgacaaa aaagaaaagat 120
ccggaggacg agcagggtac tcgaacacag gcaaacaacg aagcccacag acaagacgag 180
aacaacaccc acagcaaaac accagacgccc tcgaacacac tgcacacaac cgcaaccccc 240
caaaaacgccc aaaaaagggc aaaaccacac caacgaaacc acatccccaa gcagcacacg 300
aacaccaaca cactcctaac aaaacggaga cccgacgcag ccggaaacct gctccagaac 360
gccacgacgc caaatatccc gaaaaccaac ccaaaaattc aagcgaagaa ccacagctga 420

<210> 27108
<211> 384
<212> DNA
<213> *Aspergillus nidulans*

<400> 27108

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gaagaagagg acccagaggg cgaatatgaa gaagtggatg cgttcaactgg gactgaggaa 120
gaacccgcct ctcctaccgg cgtagtcagc tcagagctct cagattccga tcattgcac 180
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tctggtgttgcgacatag

384

<210> 27109
<211> 1030
<212> DNA
<213> Aspergillus nidulans

<400> 27109

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ccgggttggaga gggaggttag aagcctagag agtatgtgca cacattagta gtggatgac 120
agaagatcta acgtctcgcc agctcgat ctcagtgttgc atgcccggca tctgggcaag 180
ctgcccgggttgc tcaagcacaatattggcatc gaggcggttgc taaaggcggttgc 240
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gacaagaagg acgatgatga ttgggacgac gaccactggg acaatgacga ctgggatgat 360
gacaagaaag acgacaaaaaa ggacgatgac aagaaggacg acgataagaa agacgataat 420
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<210> 27110
<211> 309
<212> DNA
<213> Aspergillus nidulans

<400> 27110

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cttcgcaatg agctggagaa tagccagttt acagtgcata tcaaccctgc ccttgcgtcgt 180
cttgagcaag acccgatctc ctcacccatcg gtcgtcattt tcacaagctt cggctttgct 240
gagtcctcg ggtattgcaa cgtgcccggaa acgcattccag aggctaactc cagggatgct 300
gctgtgtaa 309

<210> 27111
<211> 474
<212> DNA
<213> *Aspergillus nidulans*

<400> 27111

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gatggcgaca ttccatatgt gcataatgtat tttgacgaca gtagttggaa tgtcgtgcgt 360
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<210> 27112
<211> 513
<212> DNA
<213> *Aspergillus nidulans*

<400> 27112

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gcggccgaac ccccccttctc ccgcacatcgca accatctcca ggcaaaaact ctccgctgag 180
gcagccaggg ggcacccaga tctccgtcga tgtctcggcc accaccgtct cttgcgcgg 240
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agcgaagatg atgaggatat ctatggggag tacgagttt gaaaggaga ggtcttgctc 360
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<210> 27113
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27113

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acccaagccg agatctacta catcacatca gcccgtggg tcgtgaacat tgagggcttc 120
cagcacgaag tctctgcggg gagtgtcctt ttcatccccg gggacgcggg gcacggcgctc 180
gtgaatcgcg gagaagagac gcttgagtgg ttctatgttt tccccacagc tgggttcggg 240
gatattgtttt atcggttttc tggtaaggag tggtggttag 279

<210> 27114
<211> 450
<212> DNA
<213> Aspergillus nidulans

<400> 27114

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tctggcgca gcggcggtca cagccgccc tcgtccacca ccgtcgaaga ctattcgcc 180
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<210> 27115
<211> 282
<212> DNA

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cagcaaagac ctacgggtga tgtggctat tcatccttct aaaacctagg ctgtaccgca		180
cggaagtgtt tttttttttt cctctaaatgtt ccaaccgtac gatgctcaat ttcaaggccg		240
ccaaacgttgg tattcagacc atcgagtgtt cagacgcctt aa		282
<210>	27116	
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<212>	DNA	
<213>	Aspergillus nidulans	
<400>	27116	
		60
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caccccccctct tcaaccccccgg aatctcctcg catgttccttc ctgaaccaat ccgagacgag		120
attacaccgc ccccgacccg cgccttttc gcagatccag agaaacgtgc tttgttctct		180
cctgggtgtca agcggatcaa tctcactgag agtatcggca cggccttggaa gggagtcac		240
attagccagc ttagtg		256
<210>	27117	
<211>	242	
<212>	DNA	
<213>	Aspergillus nidulans	
<400>	27117	
		60
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ctggggcgcac agttgtccg aaagagaaga cgcttcggca gcgggagaaa tactttctg		180
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ag		242
<210>	27118	
<211>	1221	
<212>	DNA	

<213> Aspergillus nidulans

<400> 27118

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atctgtcatc ctggcctcga gaccctctac atcggttct tcggcacgag aaattatcac 180
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<210> 27119

<211> 204

<212> DNA

<213> Aspergillus nidulans

<400> 27119

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tcatcattag ctgtcccggt gtctagtata aacacaaggg tgaaggatgg cgtacattct 180
ctagaacgtg gcagtggtca ctga 204

<210> 27120
<211> 219
<212> DNA
<213> *Aspergillus nidulans*

<400> 27120

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gggtcgccagc tcaagctctc ggcgcttcac gaaacaacac cacatctggt gatttcaat 180
ttcgacggcg ctattgtctc tcacgcattt atctgctaa 219

<210> 27121
<211> 512
<212> DNA
<213> *Aspergillus nidulans*

<400> 27121

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atggagaagg gcggtcgctcg cgaggctaacc ctcgccttca tcaagctgaa caagccgttt 180
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gtccaggcat gtccgggtgtccat ccagttctcg acgaagacat gaactgcatt ggcgtccaca 480
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<210> 27122
<211> 312
<212> DNA

<213> Aspergillus nidulans

<400> 27122

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gcccgcctca taatgcacgc tgccccaaag aaaaaggggaa aggggaagaa gcaagcagg 180
cgcaggacaa accgggcaggc aggcaaggac ccaaacacgg atgaggcaag cgagaaccg 240
cacgaactga gagaggcacc aactggcgaa caggcaagcc acaaccggaa agaggaacg 300
ccgccaagat aa 312

<210> 27123

<211> 396

<212> DNA

<213> Aspergillus nidulans

<400> 27123

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gccacaacaa ccgtgtcgga cttgaaggac gccgtcccg aacgtttct cggaaacacc 180
acagaagctg acaacaaagt gcctctggag aagatcaaga tcctttcaa gaagaagccc 240
gtaacgggta ctggaaagac tggcgat gttgtgatg atgccggaga agaggagtt 300
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<210> 27124

<211> 273

<212> DNA

<213> Aspergillus nidulans

<400> 27124

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gcccaggaac aactcttcct tggaaaccaga tcgttatccc atgctcggtc cagatcggcc 180
atgtcgaaaa ccaccgagat catcgactca gactacgata cagattcaag aaacgcaacg 240

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273

<210> 27125

<211> 511

<212> DNA

<213> *Aspergillus nidulans*

<400> 27125

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aatatttcaa ttgcgcgaa cttcattgtt tgtgtgtttg cgtcatcgca gtcgtcgccg 180
tccgaattca aattggctga ctttgattt ttgctttttt cttgcagcgt tcccgacacg 240
tccgttgaag agaacgtcgc aaagagcgaa accgaagttg agcaagctcc tacagaaacg 300
gtttagggcgc ccacttccac ccctgttacc gctgccccgg agaccaccac cgagaccgct 360
acttctgcgc cagaagctcc accgattgct gccgcccaca ctgagaacaa agacgaggtt 420
ccagtcggcg ccgc当地 gata gaggaggcgg tggaagcggt accgaaaacc 480
gaggcaaagg aggatgagct gaaagagact g 511

<210> 27126

<211> 1217

<212> DNA

<213> *Aspergillus nidulans*

<400> 27126

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ttcgactact ccgactatgg cctcgacgac gaagactttg attttacta ctccgactat 180
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gtcgcatcattca agaccacagc gccaaggta gatctcgcat ttgacgtat ctcccttgg 480
ctctttatcg cactcgctgt cttaactgta atccgcctct tcaagatcaa gaggaacggt 540

ggcggcatgg tgaattgggt tctgttccg atctctctat tcttcactat cctgttaaggc 600
cctatttcag agtcaaaaag aggaacatga ctgatttata cggtataaggt acctcttcct 660
cgacacgata actctcatcc tctcagaatg cgtcatgatg cgccggcaca aatactggga 720
tgcccaaaca gctgttcagt gttcagcag gctgccatc ttccgtctga ttgtcatcat 780
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tggacaataa accatagtagc atgagctaat ccgcattcgctt ctacagctta ccctcattac 1140
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<210> 27127
<211> 394
<212> DNA
<213> Aspergillus nidulans

<400> 27127

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cgccaaagggtg cgcaaccaca gttaccgctc gaaatacggta tactacgagc agcaaagcgg 120
agacgtgcag ctgtccaagg tcaaggcgg cacaagaat gggcgtcgg taaatctgtc 180
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gggagccgcg gggatgttg ctgttggta tcgtcatggta gatccagctg ggaggaggag 300
taaaggaggattcacaaga cggtgatgt gcagcagacg gtggaaagttt tggctggacg 360
tgtgcaggcg gggaaagg gttcaacgta ctga 394

<210> 27128
<211> 264
<212> DNA
<213> Aspergillus nidulans

<400> 27128

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ttcccatctg gcacccgcgt ccgctaccaa gacgcacact acattgtcat cggcgccgcg 180
gagcgcggcc gcgtcctcat ccagaacgag gataacgcgg aggatatact gcgtgtttag 240
ccggatagtt tagttaaagt ctag 264

<210> 27129
<211> 363
<212> DNA
<213> Aspergillus nidulans

<400> 27129

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gtagctaaca attatctctt agttcgcgg ctcacggttc gtaattccgc ttcccaaga 180
tttttgtctt ctgctgccct tttatctaacc cctaccatga aacaggctac gccgtcttt 240
gccagaacca aggcggatcc tgccacgatg gagaccgtga ctgccccgcc ggtactgaga 300
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<210> 27130
<211> 210
<212> DNA
<213> Aspergillus nidulans

<400> 27130

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gacaacccac cggaaagagca agacacccga cccggaaagaga tcgccccgcgca acgctacatg 180
agagagaagc tcaatggggactcttattag 210

<210> 27131
<211> 297
<212> DNA
<213> Aspergillus nidulans

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cgctatggc	ctagtcacag	caacgcctat	ttaagccgc	acggcactct	ctacgaagac	180
gtgcacatca	aacggtccgc	ctcgacgggt	gcccggcg	accgcgagcg	gcaccgagag	240
cgagatcgtg	atcgtgaccg	ggaccgcgag	cgagtggacc	gcgtgcagcc	gtcgacc	297
<210>	27132					
<211>	572					
<212>	DNA					
<213>	Aspergillus nidulans					
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tgtctctacc	cttccccca	ggcccccttct	gatcggtttc	ctgaccacct	atagactacc	180
gtgaccaagt	ccagtttgg	cgtcatcccc	ttaggcttca	gccacacaaat	caacctttc	240
cgggcccagt	ggggatgccc	cggacagacc	tactcgcca	acctgcggat	ggatctggag	300
gcagacctcg	cgtggacgc	gacgtatgcc	tattacctct	ctgcacaccc	tatcccgct	360
ggcaagccgg	aaacctttgc	ttactttggc	atggagccca	ctgcctatct	cgggcttcac	420
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gtttttgggt	ttgcggagat	aagggaggcc	tatgagtatc	tggagcagca	gcggcatttc	180

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207

<210> 27134
<211> 484
<212> DNA
<213> Aspergillus nidulans

<400> 27134

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ggcgctggct tcctcaacct gtcaatcatc ttgcgcctgggt tgtaagtgtc tttagtggtcc 180
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ctatcgccac ttgttaccatg cgtccgtgct tgagctctgg ctccgcgcgg tctctgagta 360
cctgttcctc gggccatcc tgcgttaccc cacgcgcaag ctgcagacag atttcgggct 420
agtgcagccg gccattcaca ccaaaaagaa aatctggcc gtcctgatcg gtcgagtcct 480
catc 484

<210> 27135
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27135

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aatcaggtgc cgcacccgga aaggctcacc aagaggcacc agctcatggt acctctcgac 180
gttcagagca ccatgcgtct ccaggacgaa aaaggaaggc ttccggcct caccagcctg 240
ccccagtacc gtcctctcgc tcctctgaat cacttata 279

<210> 27136
<211> 237
<212> DNA
<213> Aspergillus nidulans

<400> 27136

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cttgctgcta ccaacgagca gaccgagaca aacatctctt cagtcgtga gcgttctgac 120
agctcgctgt ccaccaccag cagcacccga ctgagtcggg gtgctgctgc ccgcctccca 180
gcgggattcc ttttcctagg ctacgaccac cccacggccc tcagtcggg cctctga 237

<210> 27137

<211> 397

<212> DNA

<213> *Aspergillus nidulans*

<400> 27137

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ggaggctaag gacctggagc ctcctaacc ttagaaccg gcctctacag cagagccagc 120
caatgaggaa aaactggcgg agcccacccgg ggaaccttct gtagcaaaac cagctgaaga 180
agcgccagtt ttagtggcgg ctgaggagcc acccgctgca gagtctggg aagctgaggt 240
ttcagcccaa gaacctgttg acgagcaagt gcctccctca actacgactg aagaggaagc 300
acccggccaca aatgctcagg agcccgagcc cgcctcggca ccggccgaag gaacacctgt 360
tgcgaaact cctgctgttg aagtcgaagc cgaacct 397

<210> 27138

<211> 1062

<212> DNA

<213> *Aspergillus nidulans*

<400> 27138

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gaccgcgta tatcgcttat tctgaatttt atgcccgaacg agtaccacga actctacaca 120
atcgccgccc tccaagccgg caagcacgtt atgggtgaga cccccgtgag cttgagcatc 180
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acggcgacga gtctaaagggt ttttcgagt gatgagcccg agctcggaa cggttctaaag 420
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cacgacacctga tggaggaggt ctttggtaaa gaagaacaac caaatcacga ggcgcacgc	540
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gaaaccggga cggattgcgt accgcgatgt gatgcgcagc tggcggtgta tggacataac	780
aaaactgtca ctattcatta tgacctgccc tatgcgcggg cacagccggt tcgcgttg	840
gtttagagagg cagatgagcg cggtggttg atgcagacag agacggtgag tacctggag	900
gaggcttacc aggaagaatt gaaggcgctg tatgcatacc tcgttgaggg gaagccggca	960
aagacaactg cgagagattc gttgcaagac atcaagctgt ttcagacaat attcgaccag	1020
tacaataagc aatgtggac gatccgcact ccgcgttgggtt ag	1062

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<210> 27139
<211> 303
<212> DNA
<213> Aspergillus nidulans

<400> 27139

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agcgccggaa accagaccca acagtcggaa aaccgttcgc aaacgggcgc tagctcgaag 120
tcacaaaaag atccgacctc tggctggagt gtcgaggaaa tgcttgagac tggactcgat 180
cagaacggca acattgtctc ggacgattat tcctggattg acggccgtcg actaaataag 240
ggccaacacg gcggccaaga ggccgatgat gttgccgctt cgcttgatga gcatttcgct 300
taa 303
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<210> 27140
<211> 286
<212> DNA
<213> Aspergillus nidulans

<400> 27140

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tagaggggca taccgtgcgc cccagcaggg ccatcggttg tggccatctg ctttgtatct 120
agaatactgt tctcgcaaga ctcagtagct gtattcaagg aaacccctcg tctactgcag 180
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ccgtgggttt attggcggag gaaatgtta ccgcgttgg aaccgaccga tagacgccca 240
gcggcggcga gcagcaacgg gcgggagcgc gaaaggaaag gaggca 286

<210> 27141
<211> 475
<212> DNA
<213> Aspergillus nidulans
<400> 27141

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atcttggtaac acttcaccaa cagttaccc cacaacacgc cccctacccat atcaagtcac 120
tccccaatcc ccttcctac atttgcgatc agtataactac attactcaag gaaccacccc 180
gaaagcaaga tgtccccac ctgcggcgtc ataattgcag acccccaatc cgccctcaaa 240
aatccaccc cgacctcgac ctgcggcctcg aattcgaacg ccaacacccg ccaagacccc 300
gtctctgaca cactcgaccc gcgcacccctc gcaacatccg ctttcactgc ctctttcac 360
tccctcggtc aaaactacac cagtgcgctc gtcgatcgag cccagaacct ccactctaata 420
tcccaggcgtt tgaagaaccca agaagcgcag ctgcgcgac acactgagag cctgc 475

<210> 27142
<211> 384
<212> DNA
<213> Aspergillus nidulans
<400> 27142

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caatcacccca tagatgccgc tctcgctcag ttccagcaac taaacgacccg gatcgacaggc 120
gcgcagcggc ccatcaacgc ctacaacggc ggtgtttgc ttgctctccc cggtgcgaac 180
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ccccttctc cagaggatag ccagcgtgcg ctggacgcata acaacgaggt tcatccgcgg 300
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tctctcacgt atatgatggg cttaa 384

<210> 27143
<211> 557
<212> DNA

<213> Aspergillus nidulans

<400> 27143

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aacggatgac agtcgtcgac gatgcttctg aagatgagca agaagatctc ttcccagaat 120
cgaggaagga aggcccggat gagaccccgcg aaagcagaaaa ggaacgagat gagaggctt 180
gaaagatgat ggaagatgac ggtgggttgg tctcgaacat tgtgcacat cgaatactaa 240
ttagcgcaga tgaagatgaa gagatgatcg atgctacaga gccgccaaca gaatccgaaa 300
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gtcgtcgacaggaggagg caagtcatga agaaagtagt taagaaggat agcgaaggct 420
acctcggtga gtctatgctg ctactcgag aaatgccggaa tttacctaattttccag 480
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<210> 27144

<211> 408

<212> DNA

<213> Aspergillus nidulans

<400> 27144

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caagcggccc tcgactttgc caacggcatc tgccgcggtg ccggagtcag tgatctccct 120
cagtcgcaca cctgtgctag cgatgcaacc agcaccacag ccaccgttcc ctctactgtc 180
acgaacacag agaccactac caccacggcc gtcacttcct ccgaaagtga tcagacttcg 240
acagaagctg ctccttcgac ctcggccgat acttctactc agacttcaac ctcgactgaa 300
actgagactc cagctagctc tgaggatact gacggtgcaa cgcctctccg gggcaagagt 360
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<210> 27145

<211> 495

<212> DNA

<213> Aspergillus nidulans

<400> 27145

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atcttcatt tagtgcattgt tcaggggccc aggtatgctg ccgctgccgt ggatattgcc 120
agatggtgta gtgacgagga gcagcgtcgt gcctgcgtgg gcgatctggg aaatggacgt 180
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gctgcccgtg gatgacgagc attggttcca gtgccagctg caagagagct gcttcttcga 300
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<210> 27146
<211> 497
<212> DNA
<213> *Aspergillus nidulans*

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<210> 27147
<211> 2252
<212> DNA
<213> *Aspergillus nidulans*

<400> 27147
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gatccagcta tgcaaacc 1020
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aacggtataa gcaaactcat tcgcccaggag aatcagtgcg gcggcagcca agggcctcac 1440
ggtcgaggta tttttttttt atactatggt gtttggatggat tccaaaggcga 1500
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ccgtgacagt ctccccacgga gctgtttcc gtgcgttcaa caaatctgac ggcctaa 1740

gtattgtgca gtcaaatttt ggtttccttc agttggaact ctacagcaca agacaaccag 1740
ctcatcgagg cgtttccccg attttaacg ccatagacgg caagaataat gtacgtgttc 1800
tggattgggt gatcaagaag gtatcagaat tgtttcaga gctgcaaccg cgataggttt 1860
aagactaacg gggcgccagg actagtttg agcaagcagc aacagttcg gactcgaaac 1920
tggcaggtct tcaaaatgga ggaggagctc gtgatacatc agaaaatctg ggtgtctgat 1980
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cattcatgtt cctctccagg cttctggcac tggctacaca tggctgaccc tgaattattg 2100
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<211> 294
<212> DNA
<213> *Aspergillus nidulans*

<400> 27148

atggctcatt cccatgcgcg ttctctaggg gagcttcga cggcgcagct gacgcagccg 60
gcgcggacgc tgttcgagac gccaaaagtc tacaatctgg tgaaggaatt cgacgaggaa 120
atgcaaaggt tgagcgatgc tttcttgaaa cgccgcgagg agacattcta tataattcg 180
ctccatgaca aggaacgaaa acggatgcga tgtaggatag ccgaactaga ggccgaaatt 240
gaagagctgt atgtcaacgt ggatcttgc catttgcgc ccggtcagga ctaa 294

<210> 27149
<211> 249
<212> DNA
<213> *Aspergillus nidulans*

<400> 27149

atgtacgtga tcatagtctg tgcgacccta ccgacccttc cgcaagctta cgctgccatc 60
ttgcacaagc gcccattccta ctacgactcc tcgaactacc gcagcggcaa gtggagcca 120
aagcaccat tgcattccct ccagcgactg ccagttgcct cgctattcga aactgtcgct 180
gcagaggaac gggatcgag ccaagagaat atcatcgaca aagttggaa agacgggatg 240

aggatttag

249

<210> 27150
<211> 567
<212> DNA
<213> Aspergillus nidulans

<400> 27150

agtgcgcagt ttacgaggac tggccgtctc cctgttcgcc aaattggata gccgaggaac 60
tcacgcccga ccctttttc atcgattacc ttgtttact tgccaacgccc agtccaggta 120
agttaagtaa acagacactt atactctatg cgcttattga taggcggta aaaggcttg 180
ctggatttaac ggctcttcac gagatcgta ttctggatcc cccaaacgtcg gtgacttcgt 240
tcctctcactc ctcatcattt catatggaga ggaactttct gggtcagacg cctttacatc 300
tagcggttca cgatgtggaa acagtccgtc tgcttgcata aagtggccat gacatggaca 360
tccaggacaa ctacggattt accccttaa tgtatgctgc aggaatgggc aagacagacg 420
tggttcgctt gctcatcgag caagggcgaa accctttcat ccgcgataacc agatggaaa 480
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acacggttca agacagctac tcggaga 567

<210> 27151
<211> 480
<212> DNA
<213> Aspergillus nidulans

<400> 27151

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cttgctgcgc ttgttgctgg agaggaagaa gaggaagatg aggaggcgga ggaggaggag 120
gaggatgaag aggaggaaga gaatgcccgc tgctgcaaag gcaaagcccc ggccacctct 180
gcccccaagg gggttcattt tgccagtcata gacaccgtg aacatgcaga tagggtcccc 240
cgccgcgcgc agcgcttaca caccatgctg gccgtggcg cccgacaggc atctgcccggc 300
gctgctgccc aggaagctct cgcccagacg ctgctcctgg tagccgcccga gtacgcccgt 360
gatgatggtt tccagggtt tggtgagag gaagaggagg aaggagaggg aggaggagat 420
gaagatgagt ctgagctctc ctcactggat gaggagattc tgactcttgg caggtcataa 480

<210> 27152
<211> 336
<212> DNA
<213> Aspergillus nidulans

<400> 27152

atgcttcacg acggccacgt ccgctaccaa acaacagaac catacccgcc ttctctttc 60
gatctccct ccgtacccga atcatccgac cgcatcagac tccgtggctt ctattccac 120
ccgtttatgc agatctgccg ggccattacg acactgtcg cggacgagat ggagcgcgca 180
tctgcggaag tcgaggcgca gacctgtggc tacgcaggcg ctgttaattc aacaggcgac 240
tgtcgggctg gacccggcta tgtcgtggta cttgcacag aagaaccctt ttgcacattc 300
tgtgatacgt acgagggagg agtggatttc gcata 336

<210> 27153
<211> 1108
<212> DNA
<213> Aspergillus nidulans

<400> 27153

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atcagcattc cttccttcat tcccttcgtt aatgtggta cgacaggtt aaggaatcct 120
ttacacaggt caatgccaac attctgctga cgatgaggta cgtccttctc ttcaaggcct 180
tcctcatctc ctatctgtct ctgcgcctaa gtacaccaac ctactaacat cgcaaccat 240
attccgcgaa aacagtgctg tctccaaaga cgatgtgaga cagatgcgg taatggttc 300
tgcaggaacc gtgataacca gacttgcgcg ggcgagttatg tcgttggaa cgggtacgtc 360
ctcccaaagc catactctct tatataact atccacccta cacgagttag tttataaga 420
cactaaatag tctaactcgc tactgcagcc cgactacccg tgtgtcggac cggattat 480
tgtctgctgt gtcgaatggg aagatatggt gaatgttact tctaattcat ccccgagtac 540
ggatacgcg acaacaacaa caagaacgcg gacaacgaac tcacctacac ctggcctcga 600
aacaggagca gatggcagtg gcagtggtgg tggcgatggc ggactgtcag cgtcccagaa 660
gggagggata gcggggggaa tagtgggtgc tttgcgggtt acaagtatta tcttcttgct 720
gtttttactc ctgcgaagga gaagaaagca gcagcaacac gggcaggaac aaccgggtgg 780

tgaagaaagc gagggacgaa gatctgatta cactggagag gggaaaggaa cgagaggga 840
gacaagtgga cataatgtag gtggcggaga aaatgagata ggggttgcga tgctggcg 900
gagggagaaa gccgagctgg atgcttccgg tcgggcgctg catgagatgg agtcaccgac 960
ggtaacgaag aacataaagg agattggtgg gtataggaa ttggatggca ctccgctggc 1020
aattgctgag ctggctgttc ctgagactgg tcctgaacat ggacaaaatg gacagaaggg 1080
gaaaactggg cacgaacaag cgccttaa 1108

<210> 27154

<211> 498

<212> DNA

<213> Aspergillus nidulans

<400> 27154

atgccgaccc accttggccc accacagact acagggccca ccactgtcg acaggcacaa 60
ttaccgcacc gcctacactt ctcacaagag gaagagcaac tggtagcgca agctggtcat 120
ccgcccacag cactcagaac ttgttctgag agtccaaggc tagagaaagc ttccgaagaa 180
ctggtcagcc atgttaggac ttttgcggag gacgttgaac atcggatcaa cgacctgatc 240
tctagttgga gcctcaaaca gaaagaactt tctattcttc gagattctca taagaaagtt 300
atcctggagc gtgatgagct gaggggaaag ctaacgttg agataagaga gaatgaagga 360
tttaaaaagg agattgaaga cctaaaggca gagctgaagc taatgaaaga gaaaatgcgg 420
agggttgagg aggacaagaa aaaaattacc ggtgtttaca ggaccctcga ggagctgata 480
agatatgcga aggattag 498

<210> 27155

<211> 318

<212> DNA

<213> Aspergillus nidulans

<400> 27155

atgcctgggc ctgacacagt tttcaacgcc atcggcctag gcttcatggg tatttccatg 60
atccctctcg ccgactcatt ctcccggaa gtcgagccga agtattccac tctgcgcgtc 120
gccgcaggcc tctttgagcc aggtgattcc agcgctagca caggaggcag cgtgccggc 180
gtcgccctct ttgacgccga tagcaaccgt gttgggttc agtccggcaa gggccacggc 240

aaaatcgagg aaggaaacta caaagacatt tctgatcgct tccgatcaag agccagaaca 300
ccatcaactcc gattttga 318

<210> 27156
<211> 465
<212> DNA
<213> Aspergillus nidulans

<400> 27156

atgagtgcaa ttgattcggg aaaacccaa gagctgttg tcgaagatgt tcccacagag 60
gaggagcgcc agctcgatcg cgagactctc aaccgactcg acctgatcct gatgcccattg 120
acactcattc tgtatggct ggcctggctg gaccgcgcga atgtcgcaaa tgcccgagtg 180
gtacgtcgcg cctatatttc aaggacactgc tggctgactg ctggctgact gtctaggctg 240
gcttggatac cgatctcaat ctgagcgact accagtataa agtcggtagt ttcgcgcctc 300
acccaacact gtttagatag gctgttgac tggacagcga tcaccgttac gtatgttcct 360
tatatcctct cggagctgcc ctccaaacctc gtcctgaaga aaattcgac cccgcattct 420
gcttcogacc ctgtgcacgt gctgacggct tgcacggtg cttga 465

<210> 27157
<211> 306
<212> DNA
<213> Aspergillus nidulans

<400> 27157

atgaagctca cttcggtct tctggcggtg ttaccgtgtg ctttcttcgc ctggctagt 60
caagagtcct acgtcggtcg cttcagcaact cctggctct tcgaaaatct cggcacatac 120
gttttccaat cgatcgccca ctgcctcaac caatgcacca aggctggta taatatcggg 180
gactatgcgg ctgtcaagga gaccgattgc tattgtggag acgtcgatcc cgcaaaggac 240
gatctggtcg atgatgtca gtgtaccacg cagtgtccgg ggtatgcgcc ggatgtctgc 300
gagtga 306

<210> 27158
<211> 276
<212> DNA
<213> Aspergillus nidulans

<400> 27158

atgaacccta aacagaagac agcaattatac gtcgtcgac ttgtcctggc tccattatt 60
ctggtctgct gtgcattcgcc cctagccctt ggctgcgccc agttttggag ctctggtcgc 120
ttcactctca tcaaaccctt gattagacgg caactggcta ctgtgcgaaa acaactcaag 180
ccagtaagat ccgatgatcc tcgtgctgta aagcaggta tcaatcgaa caatactgac 240
aatacaggaa ctgccatgac agttgcggag gtctga 276

<210> 27159
<211> 387
<212> DNA
<213> *Aspergillus nidulans*

<400> 27159

atggagaaga tccaagtcca ggttacaaac gacggcaaca gcaacgaccg cgtgaagcgg 60
ttcagtaagc tcgtcaccac aagccgaca ttgcgccacg agatccttga gaatgacctc 120
atgcacgaac tcctccagcg cgtcttagc aagccggcg agggcatggg ctaccacttc 180
aacgacacaa tggcatcga agtgcaaccg ggccggcccg cgcagcgccct ccaccgcgac 240
caggagctct acccgtggtg gaactccatg ggcccgatg ctcccgagtg cctcgtaaac 300
ttcttcgtcg ccgttaactcc ttccaccgtt gagaacggcg ccaccgtct cgtccgggc 360
agcaaccgtt ggccggagtc acgctga 387

<210> 27160
<211> 1247
<212> DNA
<213> *Aspergillus nidulans*

<400> 27160

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ctgacggcaa ggtctctcaa tcacgaccgt aatgtcgagc tggcgagct ccaggacgtc 120
caagacttct atgcaaccct ggagcaatcc tccttctgtt acacccagaa cggttcgatc 180
gtctggagg acattaccga gtttgagacc ctcgacgata tcgacaattc tgcgctcgag 240
cttgcgggcc cgaacttgaa ccgtggacac agcctgtct cccgcgagga ccaatgcacc 300
gaactcacgg gtatcacgag aatgatctgc gacaatatgc ctagccgctg gacccatgg 360

gcctttggcg ggcccctgat catttactat gccccaaggt taatgaccaa ctggctaat 420
gtaagttaag tcctcatggc taagcgagat acacaatcta gaaaaacacc tggcggaga 480
ctgacagtga cgctctgcaa aaggacatcg cggtcgcaat ccaagcaggg aggaacctgc 540
gccgggtctg gagagatggc tcctcgaaaa ccaacggct gaccccccac gacgagctaa 600
gacggacact gaacatgaaa gcccgcgagg atgctgtcg ctaccactt tccctgcgt 660
acctactcga caggcaggc aggctgagg ccaatagtt gaggctgtcg cggcgatccg 720
gcgacagcga gggtgtcgat ctggccatgt tgtctcacga ctacgtctc agcgagaccg 780
accaagtccct ctgtacgtca ctgtcattct accacaccat acctacccaa aaggccgtg 840
gagtcgccta tatcttcaa taggcccgtc ctaactggtc ctgtagctga ctaactttcc 900
cctccgtaat atcagactac aaaggaacga gggggacctt ttcgttcggc gtccccgagg 960
gtaaaagacaa gagcccttct cgcaacaaca cgctcgagct tgaggcacgc gcccgcacac 1020
acgactacac gatcgtgatg tcggcatca agcgcagcac tgccaaatacc attgccaagc 1080
ccagctgcat tgcgaagctg ttgaagttcc acattgaccg cagctcgag acgaaccgct 1140
ttgcttgccg accaattgat aacaaaggca agtggcacgc aacaatgcac ctgatgatca 1200
accgcgggaa gcgaaaccgg ggcactgcgc gcacctgctg cgactaa 1247

<210> 27161
<211> 479
<212> DNA
<213> *Aspergillus nidulans*

<400> 27161

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actctgtcca tcgttggggc agatgccttc atctatggcg gagagctgctg acctcgagag 120
cccgtagact ctgcagttta ccgcataatca gtaggcagtg gtaagagaca catgctctct 180
ggaatcatgg agggtcgaat actgactcga tacagatggt ggcgctgaag ccctcctgtc 240
tacaatcgct ggggtcccga ccagccgccc accccgtgtt ggcagcgcgt ctacaaccgt 300
tgctggtaag atctatataat tctccgtcg tggtggaaaca gccatggcgc ctatcgaaga 360
ggatggagca ttttgggtct tcgaccctct tcctggtaac ggcgtatggt cgccgatcca 420
acccggtgat ccccagcccc gtaccccttt gacgcagctc cacgctctta cgagcatgg 479

<210> 27162
<211> 381
<212> DNA
<213> *Aspergillus nidulans*

<400> 27162

atgaacgagg atgcattacc tgctatgcct agttgggacc acgcccgtac tcgttagagtc 60
gaggatacaa gtccccatcc ggagtcagtg gaaatggAAC cattaaaccc ggtaactcgG 120
ccacctcatc gtacaccatc ggccgcctagg tcaaACACAG gcgggtatAT gggaccgcca 180
cctattAGGA cAGCAGTgca gaACgaACAC ttccCGGATT cTCACGCGCA tggatacgt 240
gatcataatc catacgacta ccacgcccAA aacctAGGTC gtggccatAG tccttacgAC 300
aacagccat atgaccagcc gtacgcagat cactctccAG ttggtaacta ccacgcccATG 360
ccgttcccAC cgCAGGCCTA a 381

<210> 27163
<211> 231
<212> DNA
<213> *Aspergillus nidulans*

<400> 27163

atgaaagagg aggtagaaaa ggataggaga agaaAGGGGA gagagggcag gaagagaagg 60
agggaaagagg agaagtggGA gagaAGGGAA atggaggggg ggggagaAGA agagaaggAA 120
ggagatgagg agggagggg agggAAAGGA gggcggGAAG gaggaggAAA gaggggAAAG 180
aggaggagta gagttggTgg ggaaggGAAG agggggAGA ggagaaggTG a 231

<210> 27164
<211> 276
<212> DNA
<213> *Aspergillus nidulans*

<400> 27164

atgcgtctct caacgacAGC tatggcgcta gCcCTCGCAG caacAGCCCA ggccaaggTC 60
gCGGCCGAAT ggctgcaAGA gaataacaAG gcaggcgacc cgccaccaAC tggcaaAGTG 120
gacaagtATC agacggTggt gctcagcggt gctcgcgatG catatgatAG aagccAGCCG 180
tcgagttgTC cgaccatcat gatcgggaca gCcgtaccGG acggggacAA gaatgacGGG 240

tggaaaagaac tgtacatggt gattactcgc aaatag

276

<210> 27165
<211> 222
<212> DNA
<213> Aspergillus nidulans

<400> 27165

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caggatggaa aaggagctgg tcatgtgtt cctgtgaccc ctttccttc aaagaagaga 120
aagggtgggg ccgcgaagga taaggagact cacatgagga ctactcctaa gagtacacca 180
aaggcaagg gcaaggcaaa ggaaaaggaa ggcgcagact aa 222

<210> 27166
<211> 408
<212> DNA
<213> Aspergillus nidulans

<400> 27166

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atgagtattt tgcagacgga ccaccggac gcaacattt cacaggcga ttttggattt 120
gcgcggccga tcacttata gcatggctt gactttgtt ccccccggtt gattatcatc 180
tacccggccga gagtgggcag tggccgcac ggggacgatg aggggtgcga gtttcaattt 240
gtttatgaac aggaactcgc ccaaactttt attgacgacc ctgagtgaa tgcatacttt 300
gagttccgcg gtattgacgc ggttcatatt tcttcgacac tggaggtgcc ggagtataga 360
tacccgtccc agcatctcta tggatggg agtcatggct atatgtat 408

<210> 27167
<211> 372
<212> DNA
<213> Aspergillus nidulans

<400> 27167

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ccccacgttt ctccccctcat atcttttatt cctccgtccc cctaccttctt ctactcctcc 120
tccactttcc ccctcacctt cttttctcc tcctccccac tctcaccttc cctccctatc 180

taccacctct tcttctcccc gcctctcctc ctcccttca aaccctcaact ctctgttccc 240
tcccttctct ctccctctcc cactctcctt cactcctccc tctctccttt cctcctctat 300
ctctcctcta ccctccttcc tccctcttca ctctcttaca aagccttccc tccgctactg 360
tctcgctct ag 372

<210> 27168
<211> 333
<212> DNA
<213> *Aspergillus nidulans*

<400> 27168

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aggagacacc gcacaaggta gctgtgtatg cgttttcctt cattcttggt gtattaaaga 120
aggtttgcc atctactata caccttatac aagaacatata tggactaact tacgcagata 180
aaccgcgctg acgcaacccg aaaccctact tcagacacccg atgccgaccc agaaaccgct 240
gctccaaccc tagaggacat cgccgagatt gaagcgtggt cgctcaccct gcttgattgc 300
aagaaagact ccctctggca ggttcaagtg gcc 333

<210> 27169
<211> 379
<212> DNA
<213> *Aspergillus nidulans*

<400> 27169

gaattgtgga aagaagcaat tgggttcccg aaggggagaa tgctacatgg tctctcaagc 60
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agagcgaaag cgaagagtcc gagtccgaaa cgaaatttgc tgatagcgat gatgagggggg 180
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aggactcgaa gttgcgagcg aagaaagctc ggaaagacta cgaggcggac gagtggaaag 300
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ttcaagataa ccaccaatg 379

<210> 27170
<211> 609
<212> DNA

<213>	Aspergillus nidulans		
<400>	27170		
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		gaaaccaga cccgtgcccgt acgggtcggtt agaaagaagg acgacgcccgt tgagaccgt	120
		cggaaggaac ctacaaagtc ggcgagatcc agggataagg ataaagacaa agagaaggac	180
		agggacaagg gaaaggacca agacaaggag aaagagacga agcggcccag tcgcccggc	240
		cgagacaagt cttcgtctac ctccaacaac cctacttcca cccagtcgaa tccccgcaaa	300
		aagcccaagt tagagggtac gccgcccgaag caaaaggctg acgcggccccc tgccgtttct	360
		gcagcagtct cgacagcttc agactcggcc ccagttcttgc cgcacacgac cactgtttcg	420
		gttcctactc cgccggcttag tcccccaagt gcacctgcat cgcttccggc gaatcactct	480
		gagttccac ctcaaccgca gatgacccaa tctcgtcatc tcgatctgac ctctcagtttgc	540
		attcacccctt ctcaatccgc tactctccaa gcttcggctc ctacaacgac gcccatac	600
		ccgatgatg	609
<210>	27171		
<211>	593		
<212>	DNA		
<213>	Aspergillus nidulans		
<400>	27171		
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		tcatcaatct caccacggcc ggcattcttcc tcccgccgtt ccccgaaatg ggcgcctacg	180
		taagcagcaa gatggccgccc gtcaagatcc tagaggcggt tgccgcccgg aaccggcatg	240
		tgcgtcttca caatgtgcat cccggattcc tcgagacggc catgtcggcc aagctgggag	300
		agaaaatcaa actgccctac gcctacgatg acagtaagtc gaactgaccc tgtttgcgtt	360
		caagtcacta atctctcgca gtctccctcc ctggcgactt cctggcttgg actgcctccg	420
		ccgaagccga atttctcagg aacaagatcg tcttcggccgc gtgggacgtg gatgagctca	480
		aagcgcgtac aaaggagatt gtcggtgccc cgcccgaaac tggggagctc aggatcggt	540
		tccaaggctt ccctcgattt atggcatgcc agtctttgc cggcaccaac tag	593

<210> 27172
 <211> 288
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27172

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 tggcatcatg ggaagggttcg tgacatgcgg gatgtcggtc gccacggtga atttggaccg 180
 gaggttagagg gttgcgagca tgaaaaggag agcagcagag tagccatgcg tcaaagaaaac 240
 ggtgtcagcc gtgaaaatcgt agtcagtatt catagcggca gcgtctaa 288

 <210> 27173
 <211> 1019
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27173

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 atgactggga ctggggccac ggtggaggtg gtcacggtgg tcacggcgt cacggcggtc 180
 atggcggtca tgacgatgat gacgatgatg atcacgactg ggagcctccc acaaccactc 240
 cctgtgagac agagacggaa actcctccgc cagagaccac tccatgcgag acggaaactg 300
 agacgcctcc tccagagacc actccatgtg agactgaaac ggagactcct tcaacggagt 360
 ctccctccgccc agagaccact ccatgcgaga cagagacacc tcctccttca actgagactc 420
 ctccctccaga gaccactcca tgcgagacag agacgcctcc tccttcaact gagactcctc 480
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 cacctgagac tactccatgc gagacagaga cgccctctcc ttcaactgag actcctccccc 600
 cagagacaac tccatgcgag acagagacgc ctccctccctc cacagaaaaca cccctccag 660
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 ctgagactac cccatgtgag acggaaacgg agacgcctcc cccagagacc gaaactcctc 780
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tcacgattcc tcctgatgag acaaccactt cgattccac cggaacatca cctgagcago 900
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<210> 27174
<211> 213
<212> DNA
<213> *Aspergillus nidulans*

<400> 27174

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cacttggaaag acgtaaaggt gatggacgta aagtagagat tgcggcgca aaagagacta 180
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<210> 27175
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27175

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gtcattgccc acatcaaagc tgagcagggc gagcagggtt cgtctgagct ctcatcgctc 180
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cccgataaga cggtgctcat tgagacagac gaggaaattt ggcgcgcct ggtggacgct 360
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ccaaggggtc tattggtaa tgctgttgc cccggtgcca tctttacgga gatgtccgccc 480
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aaccgattcg gccagcctca cgaggttgcg caggcaagtc tgtggcttgc gtccggacagc 600
tcgtccttca cagctctcta ttttaacttt gatcctatca tggcagttt ttcaaattggc 660
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<210> 27176
<211> 832
<212> DNA
<213> *Aspergillus nidulans*

<400> 27176

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gaataagata gggagggagg gggaaaggggg gatggggaggg agggggggggg agggggaaagg 180
acgaggagaa gagaggagag gaaagtggaa gggggggggg agggggggggg gaggggggggg 240
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gagagcaggg gggaaagatag gggaggggggg agagagagga gggggagagg ggagaagaga 540

ggaggggatg gggagggggg gaagggggga taggaagaga agagaaggga gggggaggga 600
ggggggaaaga gggagaagaa ggagggaaaga gagggagggg gggggaaaaa ggagggagg 660
gaggggggag gagaaggagg ggaggatagg atgggaaggg agggggcgag ggggagcgaa 720
gcggcaaacg agaccctgga ggccgttcgg cgcgaaagcaa gagacatcgt attatctc 780
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<210> 27177
<211> 324
<212> DNA
<213> *Aspergillus nidulans*
<400> 27177

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acagaccatg caaagtttga gaggcacatct aacatcgagt ctggtcagga taccggagg 180
gagggtttct cggtatacgt ggggagattc agctctctgg cctacgcaac agatcaagtt 240
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caagattcta atcctaggca ataa 324

<210> 27178
<211> 1623
<212> DNA
<213> *Aspergillus nidulans*
<400> 27178

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ccagaggttt ccaaaccagt ttccgacccg gcggaatccg aggaacatgg ggtccccgat 180
ccagtagca cagctccctc agtacagtta tcaatcttc gatgataatc ttcaatttcg 240
ttatcaaacc ttgcaccgtt atacggctca gttctcatac catcctgtct ctgcggatta 300
tctgacggct aataatcagg acaacaaacc cgatccccg gaagctgaga aggaccaggc 360
cccagtccca gatgctcctc agaaagatga atcaagcagt gaaaacgctt cctcaccgg 420
ggcggaaaggt atgcccggca actgtatcca gctaagcgta taatgctaag cggatagca 480

tcatcggtcgacgacacc tcccgatata gtagaagagc ctaaaccgagg 540
cctgaagcag agacgccagc cgaagaggct gctccacaat ctgctgagga aaggccagct 600
gaggaagcgg ccgagccggc cgctgaaccg agcgaacaaa cagataccgc tcctgcccac 660
cccgccggcgg acgaggctcc tactgaggag aagcctgcgg aagagacagc ggaaccagcg 720
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gaagaatcca cagttcgtc gggaaagaaa aagaagaagg aaaagaagaa gaagaagaag 1500
ggcggagcaa cacagtcacc tccacctgag ccctctgaaa acgagcagcc ggtggccaaa 1560
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gcg 1623

<210> 27179
<211> 297
<212> DNA
<213> *Aspergillus nidulans*

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gtgagggtcca gaaggatgct cggttaagact accaccaaAC ctcgctactc aaccaagaaa 180

tgctaacagt tatagcggtg tgcctgtcgt gcagagcacc gccgacgcag gtcagaagcg 240
taccctgttag gacgaggcga gcgccgaaca ccctgccaag aaggtcgaca ccaagga 297

<210> 27180
<211> 361
<212> DNA
<213> *Aspergillus nidulans*

<400> 27180

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cgttagcaaca aacggtttca gttcacggca tctcagatag cccggatcga gcgagaagaa 120
gagcgtgaaa tccaaggcaca gaagctccgg gaaaaggaga agcgacgcac acagttaaag 180
aagaagaagg cagagaagga agcaaaagcc cgcgaggaac gaattcgccg tggtagttccg 240
gaccctaattg ctccctgctgt acctgcgagt cagccattgt tgttcaactt catcaagaga 300
acgccccatctg ttccagccgga aagcgaaagc cctgaggagc agacttagggc cgatccctat 360

a 361

<210> 27181
<211> 401
<212> DNA
<213> *Aspergillus nidulans*

<400> 27181

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atcttccaga ggaacggggg tgaattcgat gtccggactag aggaactctc gctcggaac 120
gggatcacga ttcttatcaa ggatttgaa gtgttgtatc gattgacgta gagggaggt 180
agcataatgc taacaacgat ctgaggccaa caactgttaa tacttgccc tatcaacacg 240
gggagacata acgcacgatc agctccagcc acgtatggga agaactgggg cttccccaga 300
tcaatcttgt cggtcccatt caacgccatt acatggctt aggacagtca cagtcggcag 360
aacagcgaaa attagcacgc gacccgaaga tcaaaagata g 401

<210> 27182
<211> 479
<212> DNA
<213> *Aspergillus nidulans*

<400> 27182

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ggtgtatttt gcctgctctc ccttgttctc gcgcgactat gcaacatcct cgtcatccaa 120
cgccgatgcc gcgaggcggg gtggaaagga gctcccagc caggcgttca aggtgatctc 180
cttgcctcc taagcggcga ctgctgggtg cgtatccaag gcgcagtggc cgacctgaaa 240
gccatcaccg cgggccagtg gatgcgagac cggagcgtcg gcgaagacgt tgcgttggca 300
gttgcactc ttctcgata cgtcagcgcg gtgcgtgggt gcaatatcag taagactggg 360
caggtttac tgctttctgg gatgattgtg tccgctggc tgggttttggccatgct 420
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<210> 27183

<211> 264

<212> DNA

<213> *Aspergillus nidulans*

<400> 27183

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gcgcgacagc ctgcaggag gtgaacaaag acgtcgccaa ggacaataac gcccaccta 180
ctacgcgcgc cactgctgcc aaggacgctc tcttgacaa gaaggatgag aaggatcatg 240
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<210> 27184

<211> 474

<212> DNA

<213> *Aspergillus nidulans*

<400> 27184

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ctaggtggtc ttgcgggtgc cattcgcgat ttcaagggtg gtgtgtcat gatttctcac 120
aacgaagaat tcgttggcgc cctgtcccc gagcaaattc acattgcccga cggcaagatc 180
gttgctcgca caaataccgc catctctctg gatcgcttg aagacagcgc ttcatccact 240
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aactccggcg ccgaggacca gggcgagctc aagttcaagg ccaggaagaa gaagaagatg 360
 acccgtgcgc agctgaaaga gcgtgaggct cggcgccgtc ttgcacat tgaatggctc 420
 aacagtccca agggaaactcc caagcctccc gataccgatg atgaggctga atag 474

<210> 27185
 <211> 214
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27185

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 tctatattcg gtgctggagc tggtagcggc agca 214

<210> 27186
 <211> 2645
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27186

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tgtga 2645

<210> 27187
<211> 297
<212> DNA
<213> *Aspergillus nidulans*

<400> 27187

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cccaagtcta gacttgaaaaa gaggattgga ctgtctgaac cgtagacaac ctgtcctcc 240
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<210> 27188
<211> 375
<212> DNA
<213> *Aspergillus nidulans*

<400> 27188

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atcaccagcc ctatttccac ccccgagtagc gatacctcg ccattggacgg atttgccttg 180
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<210> 27189

<211> 225
<212> DNA
<213> Aspergillus nidulans

<400> 27189

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<210> 27190
<211> 402
<212> DNA
<213> Aspergillus nidulans

<400> 27190

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<210> 27191
<211> 411
<212> DNA
<213> Aspergillus nidulans

<400> 27191

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tcgtatgagg aggagacggt tatgttccga tgggggtga gatacgaggc gcctgccgtt 240
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<210> 27192
<211> 253
<212> DNA
<213> Aspergillus nidulans

<400> 27192

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tcaagggaaa tgtgcgcact cagcatgata atgctagtga caaagaacgt gctgcata 180
ataccctcat ggagtattac gaacccatta taatgaacga caagtcccaa tttgccggta 240
tgactattac gat 253

<210> 27193
<211> 807
<212> DNA
<213> Aspergillus nidulans

<400> 27193

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atggccgcct cagcggttgc ctttaccgc ggtacggcat gtctttcta ccatgacctc 180
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<211>	1108					
<212>	DNA					
<213>	Aspergillus nidulans					
<223>	unsure at all n locations					
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tcaccctcgg	ccgttttgc	gggtatgcac	tctccagacg	gccgacggga	ctccaagacc	180
aacacttctg	gtccgcaaga	tgctgtccac	tgcagtcccg	cttctataca	tgctgtgaat	240
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cccagagggc	atgagatcac	agacaccaag	ctggtccaag	aggcgacaca	agaggtccag	600
cagttgctga	acgcccatac	ggtgcagcgg	ctctgcgcc	tttttcccg	ctttgtgcac	660

ccataacctac ccatcatcga ccggaggacg ctgaccaaag aaagttcccg cctcttggac 720
tcgcccgcct tgctggctgc tatagctgct actgcaagtc actttgtggc ctacgacgat 780
gttctgtgcc tcgaatcggc taagcctccg tctccaggcc ggctgtatca gttgagctgg 840
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<210> 27196
<211> 310
<212> DNA
<213> *Aspergillus nidulans*

<400> 27196

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aactgctagt ctccccggcg caatcgccat gtatgcgctc tctctcggcg tacaacggat 180
tgcgtttttt cttccggctc cagtcacgc tctcctctcc ggcctgaacg cctccactgt 240
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ccgaatcctg 310

<210> 27197
<211> 289
<212> DNA
<213> *Aspergillus nidulans*

<400> 27197

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gcctcgaaac cggctgcaca agatctcatg atgaagtcac tcgatattgt ctccggcgt 180
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<210>	27198
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<212>	DNA
<213>	Aspergillus nidulans
<400>	27198
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ttcgtccct atgcaaagcc cacccaaaag gtctcagagt ggattgccgt cggcgattcg 180	
tactcagcag gcacaggttg caacggcaac aacaagagga tgggcaggga tgctgttccg 240	
tgggcagtgc tcatacccgta tgcagatggc gcaggatgca gccaattagg gcttcgtcaa 300	
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<211>	613
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<213>	Aspergillus nidulans
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tctctcggtt ggattctcac atcaatttca ccgatgctta cggtgtctac ctgattttcg 180	
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cagcatccctc tctcccttct tcctctctcc ccccaatctc aaccaacgat gcgttagtag 540	
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<210>	27200
<211>	238

<212> DNA
<213> Aspergillus nidulans

<400> 27200

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tgggaccgac gctgttagtgg aagtccaggg ggtggcggat tgcgtgagag atgaggccgc 120
tgaacccgat gaggtcctgg acggatctca cggggtgatc gtggtacata ctcgacatcc 180
caagtggtaa gaattgagtc tagattggag tttgacctgt tcaacctgga tcaggtag 238

<210> 27201
<211> 692
<212> DNA
<213> Aspergillus nidulans

<400> 27201

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gaagctgtca gccgtacaat acaaatggca aactcgagtc aagttattgt tatcgacagc 180
gatattgaca ccccgagtcc agcacggagg gctgacgatg aagatataga tcatgctgat 240
gacgatctt gatatgccaag gcaggaaaga ggcgaatggg agcaagagga agcagggat 300
aatatcgaca atgaggaaga ggattatgat gatgaagatc cctggcttcc gaggcacaac 360
gctcaccaga gtgcagaaga cgacgatctg aaagaagacg atggccagga aggagatgac 420
aacgttgacc gaagcccaag aatctacta caggagaatg aacaacaaca gaagaacgaa 480
cagcagcagg agacagatga ggagggggag gactacgacg tggaaaggcg aatcaattat 540
gatatttccc gaagtccccg aatccgcagt caggacgaac atcttcagca agcagggcca 600
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agatatctgg caggagcaag ctaaagacga ag 692

<210> 27202
<211> 785
<212> DNA
<213> Aspergillus nidulans

<400> 27202

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ttgatagtcc caaagagaac ctattccagc tttgcacatctt tactaacttc taaaagccat 120
gaccataacc tctcccaagt caactaacca gaaagtcgac ttcagcaagc cgttcacaat 180
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cctctgcgtt ccattcagtc aaaagcaatc ctgcgaagag aagaaggatt catgcttata 480
ctaaactttt caccagaaac aactacaaa tcaactccg ctccaccgag aagaacaaca 540
tgggtatccc ggctcaaagc cccaggttca acgtgactaa ggtcgcggag gatgaggaga 600
ccggtagta tcaaatcctt cctgtctacg ttattttagt gttcgagttc caacgacata 660
ccaaaacagc cgagcccact gccaacgcca ccagaacaca atctaacatg gccccgacag 720
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<210> 27203
<211> 408
<212> DNA
<213> *Aspergillus nidulans*

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aatgcaatga ctgcccgtcaa tccaaatgtt atcaaatacg ggctacatgc tgattgttca 240
ttgtcggtgt cactgacatg gagtacatataaaacggctg gcattattct agtcggctt 300
gcacagacccctt ggaactaatac acgacataact acatttgaagc tacatttgg 360
gctacatttgcgtt ccgggttcgac cctgtgggttgcagttga 408

<210> 27204
<211> 237
<212> DNA
<213> *Aspergillus nidulans*

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aaagctgacc	gctacacaccc	tttcattcct	gttcgcgact	atgtaattat	ttggtatcag	180
ccttatgatg	gaggattca	gagcggatgg	gaccaaacgc	acagtccaat	catgtag	237
<210>	27205					
<211>	690					
<212>	DNA					
<213>	Aspergillus nidulans					
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aaacactacc	gtgactcacc	aaatcaccaa	gaccaccacc	tacacaacca	ccacatgccc	240
ggtcacctcg	actgtcgtga	cttccggaac	caagaccctg	acagttccca	tcaccttgc	300
caacactgtc	acgatcacca	cgacctactg	tgaggacgag	accaggccac	ctgtccaccc	360
gactgcgccc	accactggga	agcctgctcc	ccctgtcact	ggcaacccag	gtccgactgg	420
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<210>	27206					
<211>	234					
<212>	DNA					
<213>	Aspergillus nidulans					
<400>	27206					
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agtctgttct tcatactcgat tggattgagg atgcagctta ccgcgggaaa ggatgttgcg 180
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<210> 27207
<211> 668
<212> DNA
<213> Aspergillus nidulans

<400> 27207

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ggttgcagga acggcccgaa aagacgaacg ataatgagca gttgaggctc cggctggatc 600
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ttatgttag 668

<210> 27208
<211> 243
<212> DNA
<213> Aspergillus nidulans

<400> 27208

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aagattcgag agacgcgtac aacaaagcac gagaagcgctc tgaaacggct acaagcccaa 120
tggcgtgaag acgaggctcg aattaaggag cgcgaggcgg cggagcgaga gggaaagag 180
gaagagatgg aggaacagtt gcagcttgg aaagaatggg aggctgaagc tggtaaagata 240
tag 243

<210> 27209
<211> 787
<212> DNA
<213> *Aspergillus nidulans*

<400> 27209

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gaattccggc agtcctcga gacacgcgag aagcccctct cgcagcccgaa gttggagatt 180
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gatctccagc ttcacctccg cgggtgtcg tcgcgtttag aatgcactc taaactctt 300
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caggaggtgt cagatgatggaaactac cgtgccttag agcttctcca cacggggatg 660
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cttggac 787

<210> 27210
<211> 1245
<212> DNA
<213> *Aspergillus nidulans*

<400> 27210

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<210> 27211
<211> 694
<212> DNA
<213> Aspergillus nidulans

<400> 27211
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aaggcgactg ttcatgtcag gcctagactc gggacgaacg tggcgttcc gaacggctg 360
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caaataatg ggcagccac agcgcagaac aacc 694

<210> 27212

<211> 316

<212> DNA

<213> *Aspergillus nidulans*

<400> 27212

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<210> 27213

<211> 1006

<212> DNA

<213> *Aspergillus nidulans*

<400> 27213

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<210> 27214
<211> 360
<212> DNA
<213> *Aspergillus nidulans*

<400> 27214
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cccgaaaggac cgttctttct tggaccggat ctctcttttg tggatgtcca agttgcgcac 180
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<210> 27215
<211> 339
<212> DNA
<213> *Aspergillus nidulans*

<400> 27215
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<210> 27216
<211> 463
<212> DNA
<213> Aspergillus nidulans

<400> 27216

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gatgttctc gaagcggtgc ggaggcacac gaaactcacg agggatcggt tgccgaacgc 180
agacaagagt ccgagtctcc caatgaggaa gagtggttt tgccgggtgg ctttgaacct 240
gaggagtcga agattgagca acgcagtacc tcgccaacgg caaatgttcc tcaatcaaaa 300
gtttcctatt ccattccgga agagagggag cctgaggctg gacctgagcc tctgaagcga 360
accgagaccg aaggcaccga tgatttaat gatacccccg aagcagctat ttatgacgaa 420
aacgaaggcg agaaaacaaa gaagaagaag agaagaaaaga ggc 463

<210> 27217
<211> 207
<212> DNA
<213> Aspergillus nidulans

<400> 27217

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aatgttgtgt caaaatcagc gggtgccccc gaggaacttag tcccagccgc ccctgaagct 180
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<210> 27218
<211> 264
<212> DNA
<213> Aspergillus nidulans

<400> 27218

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acgccacatg cacctaacc agtcactgac catgagccat atactagcgc tgcgatcctc 180
atagcggAAC acggggccc cactgccaa cagaaaccag ctgctggcga ctctacgtat 240
gcgacagatc agcgcgagac ttga 264

<210> 27219
<211> 2556
<212> DNA
<213> Aspergillus nidulans

<400> 27219

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ggcggcgact ctctgctggc catcaagata ttggcccaat gtcgggctca gggtattacc 180
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gaaagccgca tgaacagtct caccgaagct ctgcaggggc tcgcgtgtcaa ctacgtcaat 2460
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tcgcgtggagg agaggctatg gaccctggga tcata 2556

<210> 27220
<211> 393
<212> DNA
<213> Aspergillus nidulans

<400> 27220
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gtgggcagg ctctatgtgt gaatagatgg ggcaggatcc gcatgtgaa ttctgggtac 120
gctgctatct cgcatgtatg ggctgagacg atgggtcttgc agtataacga tgagaaagtc 180
gaccaggacg aacgcgggct gctcaagacg cacttaaca agattatggg gaaagccct 240
cagtgtggat acgaatgggt ctggcttgac ctttggcta tcccgaagaa gtcggaccct 300
tccactagcg atgctcgctc tacagagatc aagactctca ttatcaacag tctggacgca 360
gtatacagga atgcggacca gttattgtgc tag 393

<210> 27221
<211> 305
<212> DNA
<213> *Aspergillus nidulans*

<400> 27221
atgctcgca gaagaagaac caggagtcaa ctgacgatca aaggactgac gagtcgagag 60
gaaacgcgcga ggcaagacag ggagaccacg caggagatcc ccatccaagc ccaccctaac 120
ctctggctg gggccagcg agataacggg gacggcttca ccctcgcccg gtacgacaac 180
cacgatatac gcttgacgc caagcttgc aaatccggc caatcttcca cgaaggcagg 240
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atacg 305

<210> 27222
<211> 321
<212> DNA
<213> *Aspergillus nidulans*

<400> 27222
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cgtctttcg cagcaataaa gtcctcatg cctatcctga agcatatcac tacaactttc 120
cgcaactaaca aagacgcccgg tcgagacctt ttggctctga gccttgatcc agctttccag 180
ggaaagcgcg gatattatgt tggccagaaa gaagaagctg cggcatcggt gaccggagac 240
gctgcgggtgc aaaggcgcct ctgggaggcg tgctggcagt gggccgggct tgctcctgag 300

gaaactgtgc tctgtcgcta g

321

<210> 27223

<211> 935

<212> DNA

<213> Aspergillus nidulans

<400> 27223

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caccgaagaa caaccttcta ctgagggcgc tgctgagcag ctgaccagg aagccgcagt 120
cgagaaatcg gcctccgaaa ctcccttcc agaggccgtc gccgcccagg agccagctaa 180
ggaagcagtg actgaggagc ccaaggcaga agaaaccgcg gcaccaaccg actccactga 240
ggcccagaaa gaagccgcag aggagccagt taaggaagca gtgactgagg agcccaaggc 300
tgaagaaacc gctgcaccca ctgagccat tgaggctcag aaagaagctg cggaggagcc 360
ggttacggaa gcatctactg aggagccaa ggcagaagaa gccgcagagg agccagttaa 420
ggaagcagtg actgaggagc ccaaggctga agaaaccgct gcacccactg agccgattga 480
ggctcagaaa gaagctgcgg aggagccggt tacggaagca tctactgagg agcccaaggc 540
agaagaagcc gcagaggagc cagttaagga agcagtggct gaggatcccgg aggctgaaga 600
aaccgctgca cccgctgagc ccattgaggc tcagaaagag gctgcagagg agagcaaggt 660
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caaagggtcaa gaggtggcaa ccgctactga cgctgttaaa tctgtggaga ccacaaccgt 780
cgagcctgct gtcgaagcgg aagccgcaac ggagaaggcc aaggttagagg aatcgaccac 840
tgtcgacgaa gttgctgaaa ccgaagtgcg tgaacacagca aaggaagtgc cttccgaaga 900
gcccaagact gaggaacctg tcgcccgttgc tgaac 935

<210> 27224

<211> 279

<212> DNA

<213> Aspergillus nidulans

<400> 27224

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gtcgcaaatg accttctccc catcgccaag ccaacttgcg ccagaatcac ttactccact 120

gccccatggcgca caggcatatc aggctataca atcttgaagc ctgcaatcat gaaaactgatc 180
gagttcatcg agttcatcgcc ggccttacac ccctccagct tttgcagccg ctctgcaatt 240
cagggttacc tgcgaccgccc ttccctgccag aacggctag 279

<210> 27225
<211> 274
<212> DNA
<213> Aspergillus nidulans

<400> 27225

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taactctggc ctgttgcac gttccggat cgatcttcc gccgaccagg cttcgccaac 120
cacgtactct gtctctaaag cttagccacct caaatcacgg tacaagccat cgatttgctt 180
cgtacatcga aggtccgatc cactgcgtt accgtcttctt tgcatgtaga ttgcaaattga 240
tcgcacgggc tccgacacct atcccttggg atag 274

<210> 27226
<211> 351
<212> DNA
<213> Aspergillus nidulans

<400> 27226

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gacattttaa gcaataacccc cgcagggtgc ttccctaattt cgacgcctga atgggttgg 120
tcatccacaa caaggtcaat gctatgctgg gaaagccagc atttgcactgc aacaagatcg 180
ggtgactttt acgattgcgg atgtggagat gaggaagaaa aaagcgaggg cagtggctcc 240
aatagcggac acaagaccgc tcctcgcgaa agtagcttgc gtgacgacac tatctcacct 300
gtggagatata cccgggaacc gtcagtgcgc ccccttgact cgcttatatta a 351

<210> 27227
<211> 259
<212> DNA
<213> Aspergillus nidulans

<400> 27227

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gcgtcgcat acgctaccga cgagtcgcga tggccattgc tgaacgaaaa cgagggatac 120
aatggaattc gtgaacacccg cgctggctt gaagatgctg aagaggagag tggtaagat 180
gaggatgctg acggggaaaga cgaggccgca cccatcgagt ccacgcctct acttccata 240
ttctccgcac ctcacctag 259

<210> 27228
<211> 417
<212> DNA
<213> Aspergillus nidulans

<400> 27228
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ctgcccattgt cgagttccgg aaaggcttat cgaaaagcgt tggcttgcca tctgcaagag 120
aagcctgatg ttccaatcaa gaatggcctc agtgaagaaa gtgcagtatg ttggaggcat 180
tcagatgagg ccgcattcgatc agtacagcag ctgggtattc gactcggtgc ggatacaggg 240
gacgtgatgtt attccgcattt aaagccccggg ccagagctgt actctgggtgg catcgccagt 300
ctaggagcaa tgcgtttcta caaagcttat aaccattggg gtccttggct tgccggcggg 360
gaaagcttta aacacattta tgtgcgaggg gttgttttt tgccaaagct ttggta 417

<210> 27229
<211> 416
<212> DNA
<213> Aspergillus nidulans

<400> 27229
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ctacccaaga cgctcactct cccaccccg gtcttgcac cccatctctt ggagataata 180
tcgcttcaga agaattcctctt gaggcgactg tggccgcgaa tacaccaacg acaaccgccc 240
aagacgaagc ttccggggagc atggctccag agaacataac aagcagcagt ctagagtcct 300
acaaacctcc ttctgttcagc tctctcctat catctatgtc catcgaatgc tgccgtcaat 360
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<210> 27230
<211> 240
<212> DNA
<213> Aspergillus nidulans

<400> 27230

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gctgcccacg gccaccgggc tcatgacaac ctcccttcacc gtagggctgt caggcctccc 120
agcggtggca gtgagacaac tacaacgccc gctacaacag actatgtac cgtctacccg 180
accccgccct ctgaggcttc atctgagacg gcgtctgtgc cagagctgct ggtgtcttag 240

<210> 27231
<211> 330
<212> DNA
<213> Aspergillus nidulans

<400> 27231

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atattagcta ttggcgcggg caaatggcgg atacaagtat aggagtcacg ctgaccgaag 180
cagaatttgtt cgacggtctc tagattgacg acgtacctca ccatctgctt ctataccttc 240
ctcgccaaatg tcaatagcag taacttcaca gtggctacaa aggccattgt tcaggaattc 300
ggcgtctccc agacccaagc cggcgagttg 330

<210> 27232
<211> 330
<212> DNA
<213> Aspergillus nidulans

<400> 27232

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gttgttatat ccgacttcaa gcagtcctca ttaaaaaaagc gccgtggtca ggcaaactcc 180
gataatctgt cttctggggg ggcttcgacg tctggagctg tggagagtgg tctggggat 240
gatcagggcg tcgctactcc tgtcagtggaa gtgcgagtaa cccaggatat gcatacccg 300
gaacaactgc tgtacgacac gctgttctga 330

<210> 27233
 <211> 495
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27233

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 tccggcaact acaacagctt tgccatcatt cgtgagaacg gcgaggccat ctacaacgat 180
 gggtaccca aggacaggc cccgtgctt aacacggcg acggccgcac attccaaatc 240
 gagggcgact gctgggcctc tggtcggcag ttccactgct tgagtgactt tggcggctcg 300
 ccgaccaact gtgacgtacg cgatgagaac gcaatgtgc tggcactgg tggacag 360
 aaggagacta cttcattgg gatctcgatt ggaacggatg catcctgtgt cgtggagttt 420
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 aaggacgacc tctag 495

<210> 27234
 <211> 276
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27234

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 cggcatcca ctccccacga aaccgcggct caagaggacg aggccctgct ccactcccg 120
 cctcgctcga ggcttctgt aggcaatcggtt tagtgaca atgacgatgg tcttctaagt 180
 gatgttgcg aggaaatcgt gaaaggac cggccagagga tgagacggga agttgttcgt 240
 gttggagct tcgtttgggg agtgattaca tggta 276

<210> 27235
 <211> 308
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27235

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ttcccgcccc tgccgaaacg caattcatca cgcgatcgca cgcccaggaa acggtcatga 180
tggctgcgtc gggggcggtt gaggatccc agtccgtcg gcaagtcggg tataaggcgt 240
tgtgcaaggg caagcgagag gcgttcagta gttggAACgc catgttcacg agtccagtct 300
tcaacgtc 308

<210> 27236
<211> 369
<212> DNA
<213> *Aspergillus nidulans*

<400> 27236

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atcaaggggc ccattgacact tgtcgatatt accttcctct cgctcccacg tttccatgt 180
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ggtgcgacat ggtggccaag taaagaggag tatatcatgg taaatatggg ctccagggag 300
aagacagagg aagaggaaaaa ggtcctggta tttgggtggc cggcggacgg cgtgggtct 360
gggtgttaa 369

<210> 27237
<211> 856
<212> DNA
<213> *Aspergillus nidulans*

<400> 27237

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ttttatgcct acatccaacc tgctccaaaa gacggaggcg gcatttggag tgccgcccggaa 120
gaatttggtaa gggtaacacag tacgagtccc gcatccgggtt gcgttcacgg cggcacagaa 180
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acactttcc gaagactttc ctcctccaaac tcggcgcaaa atactacggc gtgcacctgg 300
gtccggccca agtccccag gaagaaacgg acccgctgt gctcctcgaa ccgaacttct 360
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cgacccgccc ttctggatc cctggcgctg tcccgatgc tgccatgaac ctctgtctcc 480
cgctggcaat ctacgcccgtc gtccagaaac acctggaaa gcctctcgaa taccatctg 540
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ccgaatggc tgtgtgacgc gcgacgcccga aaccagagt ttcaacgcta ccgatgactg 660
tgcgttcacc tggagcaagt tctggctaa actagctgcc aggttagtc ttccatggct 720
gggtcctgcg accgacccag ctggcctgca agaggtcgag acgcccgtata accctgcccgc 780
ctcgccggat cggacctccg gcgaaattga gatacaagtt cacgctcgtg gagtggcgc 840
gaagacccga agttaa 856

<210> 27238

<211> 540

<212> DNA

<213> Aspergillus nidulans

<400> 27238

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aagcttgacc ctgagaagcg accgacccca gaacagttgg cgcacgaacc tggatcgctcg 120
gaagagtcag cccaggcaaa gccggaggaa accaacgcgg aaatctccgc catattcgcc 180
gcagtgttga gggatgttag gaatctacaa ggtccgcccc aacacagagc cagtgacaag 240
gccacggggag cggtgaggaa gaaaacggaa aggcgc当地 aaaggctcg aagtgaagcc 300
gaacagagtc ttgatacatt tgcagcgtca agggaaacaag cccgacttgg ggagctaccc 360
agggatgccc tgcagaccca ggagagcgag cgccacttac cggataccaa tgatgcgtc 420
gcggagctcc ttcaacaaa cgagttgacc ctagccaggg ccattgaact agtcgttag 480
cgggagactg cgaagatcga ctcgaccctt cacgcccggg ttgaaaacac gactgactag 540

<210> 27239

<211> 216

<212> DNA

<213> Aspergillus nidulans

<400> 27239

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ctcccaatcc gctcacgcac tgacgaccca tcccgccgg ccattagcga gctgcgcgc 120

cagcgtctgc gcgagttggc caagaagatg actggcgcag agagtgagtg gcgtgaagaa 180
tatgtgcctg atgcgggacg agatggcgcc agttga 216

<210>	27240
<211>	645
<212>	DNA
<213>	<i>Aspergillus nidulans</i>

<400> 27240
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gtttccgaac ttgcctttgc agcgctaaat cgattcctt atacgtctgc tctaagcgaa 120
aaatccatgg atgcaatggt cgcgctacga gaaggacaat tcaaagagcc acacgtcaag 180
gcatttaaag ccgttcatac tgcgacagga aaatttagttt gcttaacgct atgggcagtg 240
tacgcagaag atcaagttgt ggagaagagt gttgaggagg tcgttgaggc acgcttagca 300
gccgatattc ccgagcgccg ggatgaggc gcaagagcca tttcacggaa aattgagttt 360
ggaaagagag aattcctcgg tttgggtacg attgaaaata acgaaaaagg ggtcatcttg 420
cgaaagaggg tcgaactggaa agccatcctt gttcatccgg attatcagaa aaaaggaata 480
gccaaagagat tgctggcggt gggtattgaa gaggctcagc gactgggcct caatcttgg 540
cttggggcga cagatgaagg aaggccgggtt tatgagaggg cgggcttca atctctgaag 600
gagggtqaagg ttgtctgcga aggggttggc gagtctccgg ttact 645

<210> 27241
<211> 219
<212> DNA
<213> *Aspergillus nidulans*

<400> 27241
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gcccccaactg acgagctcct tactgtcggt ggctcagacg gcaaggctct tctcatcaag 120
ctcgccccct ccgttgccca cctcctgggc ggtctcggtc tctccagcgt cggttcttcc 180
qttggcagca ttattgctac cctcggcaac aacctctaa 219

<210> 27242
<211> 222

<212> DNA
 <213> Aspergillus nidulans

<400> 27242

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 gggaccaagg gtggactggc ccagcgtaa aagctcccc ctcaccaca agccacagtt 120
 cagggttag ccagagttgg atcgacgcaa gcacggacac tggcaatgaa tctggcccg 180
 atggcggatg gagctctggc tggctggttc cacgggacct ga 222

<210> 27243
 <211> 213
 <212> DNA
 <213> Aspergillus nidulans

<400> 27243

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 aatgcctgcg gtactggagg cgatgcgacg ggagctgatg gcgagttact gctcgccct 120
 tgcacgcccgc ctgggtttgc cacgatcaca gtgacggtga cgacgaccgt tacagaaaga 180
 gagcctgctc agactattac ggtcacagca tag 213

<210> 27244
 <211> 216
 <212> DNA
 <213> Aspergillus nidulans

<400> 27244

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 aatccgcttg aggcccaggc ggctcagcag cagcaggctcg acctgctctg caccggttgt 180
 ccacttgcca ttcaaagtgg cgacgagact tctctg 216

<210> 27245
 <211> 801
 <212> DNA
 <213> Aspergillus nidulans

<400> 27245

gctggtcgac cagttcctga agaacaatgg acggcgctga atctgcaggat tcttgcgtcc 60

atggctgaga tgtcgacag caaagatccc gccaatccat ccaagacaga gactgagcct 120
gaggtactgc cggatgtcg ccagccagag cctccacggc cagtcgagcc tcaaccagag 180
ccagagccag agccagagcc agagccagag ccagagccag agccagagcc agagccagag 240
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aaagaaccag gcactccacc gcaaccagaa acgttaggtcg gcattccac tcttcttcc 360
tatgattaac agtgctattt gcagccccgg tttatccctc gaacaaacat acaagctcgg 420
caaagaagct tctaccggtc aatcaatcac cgtcacaaca tccgcttca acctgagcat 480
tccctcccg cgagacatga atcgaattat cttcatgcat ttgcacgaaa gccagggcga 540
gctggatacg gacaacttcg acgccttgct gagcattaac atcattcggc gtctgtcttc 600
tattcaaatac cagaccaagg cagccgggaa gagttggag aacaaagaaa tgattccgtt 660
ccctgcctgg ctgttggtct tactgagtgg cctgcagatc cgggtggatg tgaggaactc 720
gatgctggaa atttatatca acggcttcca tctgtattcg cttgccagac agtttggaaa 780
caaggggtc acgcatgtca g 801

<210> 27246
<211> 699
<212> DNA
<213> *Aspergillus nidulans*

<400> 27246

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ttccaggaca cgtttgcgg ccacatggta cagcaaggcg agccgcatt ctccatcaat 120
atcgccccca tccgcgacgt cggatatgtc tcggagaacc cggaagtcgc agaggccctc 180
cgccgcaacg ggctcggtc aatcggtgt tctgacgtcc tcattgttct gaaccacgccc 240
atcttgaacg ctcgcgggtc caacccaagc acctgcgttg catcaatcg gctcatcgcc 300
tccgacgacg aatccgagaa cggacgcgtt ttcctcatga cggaccgtcg cttttctcaa 360
ctcgtaagc acaacggcag taagcagaag agcgccggtg aggctctcga cgcaatcact 420
ctcctatcg cggcaacaca actcgacgaa gctgtccata tcgtcacaaa cgcgattctc 480
aaccagctaa gcaagcttat agtcacgcct gtggagatgc tttcacctgc gcagagtctt 540
gacagttacg gctcgactc gcttgggtc gttgaattgc gaaactggat cggggcgtac 600

ttgcatgcga atgtccagct tatggttatt cgccggacag ggagcatctc gcaactggcg 660
gcaattgtgg cgaaggagtc gagggttgc aagctctaa 699

<210> 27247
<211> 264
<212> DNA
<213> *Aspergillus nidulans*

<400> 27247

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ggttactctg gctccaacta tacgtatcat gtaaacgcta tccatgatca ccttgtacta 120
gtaacgcctt ctctgaacct gttgcagacc tataccatgc ttgatgactc tcgcccatac 180
gtgaccaact gcatacatgta tgactgctc acgctcacgg ctgtacccac cacctcgcaa 240
cgagagagc gtaccttga ctga 264

<210> 27248
<211> 420
<212> DNA
<213> *Aspergillus nidulans*

<400> 27248

atggccgctc ttctgtattt tctgggcatt gtggcatccc tggttgcggc tgcttgggtt 60
ctacgaagga caacatattc acccgaaatcg caagtgcagc tagaagttcc aacaaatccg 120
agtccgataa gcaagaagct cgcagaggcg ctaccacata ttgtacttt gcatcgtaat 180
aaggctttct tcaagtctat caactcatac tgggccaac aggagcgtga ggttatgcaa 240
gcatgcacatcg ttcaaccacg agaggctagt gaggtagcca aggtcatcgg aattctcaaa 300
cgggagtagt atgaacaaga ggcgtcgctg actagtagat ctggtgatgt ctgttcgct 360
gtccgagggg ggggtcagtc tctgttcct ggaggtgcaa ggcacaaagg aggcgattga 420

<210> 27249
<211> 630
<212> DNA
<213> *Aspergillus nidulans*

<400> 27249

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cgagacagc cagacaacgg ggccacacaca gaaaaaggag cccacaccaa agggacaccc 120
gaaaaccggg gccacgacca gaaccaggga caccccaggc cggagcaaca agcaggaagg 180
acagaggcca agagggcag gcagcaccta agcaccacag gagcccggc aaggagcaca 240
accaaagagg ccccgaccaa aaaggaacaa aggcagacg acccgccaca accagggag 300
gaaccaaaca aaggaaaaag gacccgaggc caacaacccg agacagcagc caagccaacg 360
gccccaaaaac agaaggcacc gaccccaaag agaccaaacg acccccggca gaacaccacc 420
cgccggagcg ggccaacaac gggaccgcaa cagaaaggc ggaggacacc cacgaccgg 480
gaaccaggaa aaaacaaagc cgacggcca caggagcggg aggcaaccag ccggggggcc 540
caaccaccgg gcccccaaaa aggaaacccg ccaaaccccg acgaccaaaa aaaaagaaaa 600
gccccagcgg ccggccaagc caaaacctga 630

<210> 27250
<211> 271
<212> DNA
<213> *Aspergillus nidulans*

<400> 27250

atgctcgtct gtctcgccgc ggcgtcaggg tgccgtccc ggctgcgcct gggtctcgcc 60
ttcatgtctg cccttgcgg ggctgagcgg ttgcccactc gatgttttt tctctcgctg 120
gtgttcgcca gctctgtcgc tggtcttgc ttcgtgtctg cgcggcgcg tccgggctgc 180
tgtggtgttg cccccttgct cgccctgggc ccccttcgtt ttatcgccg ccccccggcc 240
gggtgtgggg gtcaccgtt tcatgtgttg g 271

<210> 27251
<211> 423
<212> DNA
<213> *Aspergillus nidulans*

<400> 27251

atgaaagtgc ctggggcgct gggaaattgcg accacagtgc ttttgacat cgccggcggc 60
tattgtggaa actatatggt acaaacggtg gtggaaaact ttgagttcct tagccgtgca 120
accgatcctg aagttgaaac agcatatgtc aagatcaaac agcagctgtc cagcggttgg 180
ttggagcctg acccgtcgtt gtccaagagg gaagttgtcg agaccatgtt caaaacaacc 240

tccgaacatg ccatgccatt tccagtgcga atgctggatg atgtggctac tgcgatagtg 300
gagttatgccc agactctaag caccctggaa agtctcgccg cggaagccct taaaacattc 360
gtggagctgc tgcgtttcgc ggtccaggaa caagggcaat ctggcataac agcgtccact 420
taa 423

<210> 27252
<211> 447
<212> DNA
<213> *Aspergillus nidulans*

<400> 27252

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gtgtcgacag agctcatgca atacgctt cagcaggacc gaagcctcga agtataaccga 120
agaaatcaat atcaccagcg cacaccaaggc tatccagaga gtataccaag tcttctctca 180
tcaaccggcc ccggAACCTC agctacaaggc cctcttaccc tggggcccccc tgactacgac 240
ggttatcttg ctgcgcctat atctctatcg cttctcgatg tgccctgacat ggattacttc 300
cctggagctg atatgagcgc gaatgtcatg gatggtttc ctgatccctcc gtcattcttc 360
ccatctggag aaccgataacc aacgctccaa gagaatatct tgaagaccag tttcgccggat 420
tctcccggttc cggcaaattc gctttag 447

<210> 27253
<211> 317
<212> DNA
<213> *Aspergillus nidulans*

<400> 27253

acctttcttt tgctctatca tcactcctcg ttgcgtgcgcg ggaaataccccc tccccggccgt 60
atcaatgttg aattgtcgta agtccatgtt taactttcat cttgccacac ctttccaagg 120
ctcaactgaca aataacgtat attagcgctg gcggcgcccg taaatccgag ctccgcattgg 180
ctaataatcga tgataagaac cagaagcttg cggaggagag gaagctcccg gctaagggtgt 240
ccaataacgga accggtctat attgccacag ctgacgcgaa acctaattgtat gacttcaccg 300
attatccatc cgattag 317

<210> 27254
<211> 371
<212> DNA
<213> Aspergillus nidulans

<400> 27254

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gggtcgacac cgaaggcgac caccgcgtgc ccaatgcgc tgacgtcgct ttcctctgga 120
tcccattcaa accggagtgg tttgcgcccgc gcacctcaac ccaggagaca atactgcttc 180
tcgcacgcga gattcgacc cagtaggac cccatctgac ttcgccccat tataatctcaa 240
cgctctccctt cacggcagac agggtgattt ccaatcttgc cgagagggc gagcccggtcc 300
catcgccccca ggccggggt ttctcgccgc agggcgctt cccttttag agggattttg 360
cgtcgtccag g 371

<210> 27255
<211> 246
<212> DNA
<213> Aspergillus nidulans

<400> 27255

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gccagcgggc ctacaatcgc ggccgagttt cagacctaa aggttagatat ccggagcttg 120
cgatggacg tgcagggtt gagggggaa atggtcgagg tgcgacaaga gttgaacacc 180
aagctggact tgattctgca ggccgtgcaa caggtcaagg cgccagactga ggcaaaggaa 240
acatga 246

<210> 27256
<211> 502
<212> DNA
<213> Aspergillus nidulans

<400> 27256

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aacgttgaag agttgctgaa gagcaacact ccgctgaacg tactggcact gaaccagccg 120
gagaatatcg aaaatcggtt caatattgt tacttcgcgc tttcacccgaa agacgaagcg 180
cgccatgcag gtactatatt cgtgaccagg gtaaacaagg gccgctgggtt ctgatcccac 240

gcagttcatt gggcgatcgc gtaccacatg cgtttgcgc aaggtggcag aaactggcg 300
gcggcaccgt tctgcaacaa aaatttggtt ccaccagcga attacgcgc ggtgttaacg 360
gcggttctgg tattgctta acgggtagcc cgattactct cagagcgaca accgactccg 420
gcatgacgac caacaatcca acgctgcaa ccacgccaac cgatgaccag ttcaccaata 480
atggcggtcg tgtcgatgcg gt 502

<210> 27257
<211> 312
<212> DNA
<213> *Aspergillus nidulans*

<400> 27257

atggccaatt caacgtcttc cgataacgaa cctccttata tgagggcttt gaatgctgcc 60
aggaatggcg aaaaaggtgc cttgaaggt cgagatggag agattctagc gtcagcccg 120
gactcaatat ggcggaaagt tgaaggcaat ccgaactact tgctgaatcg acatgaattc 180
gcattgttca actattaccg acaatactac gagaagaccc cgaaaaacaa agaaatcgcc 240
cgaaaaagcgg ttgcgcgggtt ttgggacaac tattcagaag gaccttcagg atctggaacg 300
gccaaatcat aa 312

<210> 27258
<211> 518
<212> DNA
<213> *Aspergillus nidulans*

<400> 27258

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gctaaggcaa atagttccgt cgtcaaggc aaggcgcaag aaatcgagca cgtcgaagcc 120
cttgcaagcg gtggcagcct cgtgaaaggg aaactcggca aacgacagcg tctgaaaagg 180
catttgcac gattctggtg ctgttacctt ctcgcggca ctatcttcct cgccattttt 240
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acctcgcttc ctgtctacgg cgcgacatc acgaacccca agccggacgc gttgacattc 420
accctcgact caggacttag cgtaccactc ggcctaagcg tgccggcttga tcccttcaag 480

ctagatctt tcaaccgcga ctccgacccg gagataac 518

<210> 27259
<211> 539
<212> DNA
<213> Aspergillus nidulans

<400> 27259

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gtggccaggt cagccgctga caatcccgac ctcttccccc ggcaacacca acagttgagc 120
gtcgccgaaa tccagcgcga actcaacagc atcctctcac cgagatctat tatttcggt 180
gtagacgatg cccgatacgt gaacgcgacg aagccttggaa atactgttgc cacgcccgcac 240
atccagcttgc tcatccagcc gggcgaggag gccggatgtct ctacaatcgt ggtctcttt 300
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tgtccccctt ctcgcacgcg accgcgccccca cgccggcgcg tcctccctca atgccttcac 420
cgccatccaa attgacctct ccccttctc agagatcaca attgactcct cccggcacctc 480
tgctcgtttgc gaggtggcgt ttatggcga caggtggttt cctacctctg ggaccgggg 539

<210> 27260
<211> 215
<212> DNA
<213> Aspergillus nidulans

<400> 27260

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cctgcgccccca gcagtatcga gcccagggttc gaggccggag tcgcgggtga cgcacagctg 120
gatatcctcg tcactccggaa agccaatatt ggtatcaaga ttggcggcgaa caaactggtc 180
ggcggcgctaa ccctcatggaa tgcccagttg accgg 215

<210> 27261
<211> 461
<212> DNA
<213> Aspergillus nidulans

<400> 27261

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atggtcatca gcactcttgc cgccaggatc ctctccctca ccacagttgt ctcttcctcc

atcactccac ccgacgggtg tttccttcca acctggaaag tcatcagctt caactggcac 120
aacggctccc acagcctcgatgcatccac aatgaagccg acatcaacac gaaaggctgc 180
ctctgtggcc gcccgtggtg ctccccagag ggcggaggaa ccgcctgtac cgcgcaagtgc 240
gcaactgggt caacgtgtgc tacacggca tgccaaacta tcagctgtgg gggtacggcc 300
ccccgcagac cctgaccttt gagttcgac agggctatc ctgcgcgcac cagttacatcg 360
ggtttcgggt gcatgacatt ggtaatggcc cgagtaactg tggctacgcg gaccgtggcc 420
agggacgcat cgtctcgatc tacggactt caaatgaggg t 461

<210> 27262

<211> 615

<212> DNA

<213> *Aspergillus nidulans*

<400> 27262

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tcgcataatg ttttactga taaccctatt gtcactggcc cgcgacgag caggtcaaag 120
aagaggctcg tggagataaa caccagcgac gaagaagaag agcaagattt agatgaccag 180
gaagaagacg aagttgatga tgaagatgcg cctggagaag atgatgaaga tgaggatgca 240
gacgcagatg gcgatgtgga tatggacgac gctccacctc aaccgccagc atcaagaaga 300
cacgccaagg ctgctgttaac atctgcgcct agagggaaagc cggtaaagag tggtgagggaa 360
aaagagatgg agcttgatga agaggacgat gaagaggatg aagaggagct atcagaacct 420
gattcgaatg cgatgggtga agccgatgac caggaagaag gagtgacgct caacatggat 480
gaaaccgggtg agcaggatga ggacgaagaa gacgaggagc tcgacagtga cggtgaaatg 540
ccggatatga gcaaattgac caaacgacaa aggggttctt tggcaatga cttcctgcaa 600
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<210> 27263

<211> 202

<212> DNA

<213> *Aspergillus nidulans*

<400> 27263

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actgttaagtt aaaccggaa gccggaggat ctccgagccc gacatatctt ggtcggtggc 120
atgttaacgca tcccagctcc cggccgggtgc tccttgcact aaggatggaa agatggcg 180
ctgcgagtct ggtgtttgca tc 202

<210> 27264
<211> 984
<212> DNA
<213> *Aspergillus nidulans*

<400> 27264

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accctccgccc gccgtatgtat gaagtgattt acgtatgtcc tcccagttac tccgaggccg 120
cgccgcgtac tcagcagaaa tgcctggccc aagacgtgga cttggaggaa aagagcgatt 180
cgagaaacaa gtcgtcgcat caaactatcg acttcgagag ccctatcggc attagggagt 240
ataaaggcaa gaagaaaaag ggagggggcg cgaagaataa cccgcacccccc cctgcgaatg 300
atccgcctcc gccgcccacca cccgaagaaa aaaaggatcc accggacgaa ggtgccggtg 360
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acgaggatga cggctggggat gatgtttggg gcacaacaac tacaaagaag aagaagaagc 480
agaaacacaaa agaagaggag gaaaggctaa agaaagagga ggaagaacgg ctggctaaag 540
aagaggaaga gcgtaaagct caagaagagg cggacacaaaa agccgcacaa gaggccgcat 600
cagcccaaga tgcagcactc agctggcg acgacgctga tgcgaacaac gacgactcat 660
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actactaaag cgcttgatat tgactgaatt agttggaaacc aggcggcccg gagccgcccgt 780
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<210> 27265
<211> 229
<212> DNA
<213> *Aspergillus nidulans*

<400>	27265					
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agcggatag	cgttgcgtcc	gttccgaccc	gcatccgggt	tctcgtcatt	ccctgggtgc	180
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gcttttgc	cgccgcata	tcttacttc	aaggcggaaa	tacctgctac	tcacccaaat	180
tttgctgccc	ccccaccatc	gtaccctcta	gaaaactgtc	ccaccatgc	catcttcccc	240
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ccgcgtctcc	cgttgtggaa	gaagccaaag	cgcctgcagc	tcccgaaagca	gaagctgttg	180
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aaccgtcaat	ggagcctaca	aaggagcctg	aaccgagcga	ggctgctccc	gtagaacagg	420
ccacagaaga	aactccaact	gacgaggtta	aggagccgga	gcattgcagt	cgctcctaa	479

<210> 27268
<211> 369
<212> DNA
<213> Aspergillus nidulans

<400> 27268

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gaccgtgaca tttcatcctc atcctcatat tcatctgaaa tacagataga tgagctagag 180
aacgaacgacg cccgcctccg cgcacatc ggcctcgatt ctgcacaccc accgcagtct 240
caacctctct tttcatcga gcgagtcccg gacacggaca cagcaccgat tccatgtagc 300
cttcccggt gtagggaggg aattgccccg ggttcacagc ggttggctct gaacccgggc 360
atgagtgaa 369

<210> 27269
<211> 317
<212> DNA
<213> Aspergillus nidulans

<400> 27269

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ccagggctcg tctcggtaaa taggctccag cgatccagaa cagccgaac agagaaagaa 120
tctcccaactc acggccggcc gacttggta ttgcggattt cttgctcgcg gtacattcca 180
acgccaggtg cgcattcttt ggctgcggca gcaaataattt ggcgggctc gccgtttac 240
attcttctgg cgcatttcca ccactgttgg aaggcttgcc gtttccggca tttccgattt 300
cttccaggcc cagcatt 317

<210> 27270
<211> 315
<212> DNA
<213> Aspergillus nidulans

<400> 27270

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tcgtcaggga ctccgcagct gactccccat tgtgactctc gcaagttctg ccaatccaag 120
atcagggagc tggcagcggt gcatgatgga gcggcagggt acgtggtggg cgctggccc 180

acgttggcca aagtccagcc gattgtcgac gtcgaggctg gcataactaga gaggggagag 240
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tttctgtcg gctag 315

<210> 27271
<211> 341
<212> DNA
<213> Aspergillus nidulans

<400> 27271

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cgtctgtggc ctacgagatc tttaaggctc atgacttgaa catctcatct cgttacaacc 180
cttcaatcga tgattccctc ttgattggtt ctctgtctt tggttagtgct ccttatggag 240
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agcggtaag aggcattccgt gcagatgacg tccgttacta g 341

<210> 27272
<211> 465
<212> DNA
<213> Aspergillus nidulans

<400> 27272

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atggagggtc gtggattgcc acaacgtcac cggaggatt tggttgagat tagaaaagtt 180
cagacgtata ttgcaggagc ggagattaag ctgaaatatg gcgatcgac tcgtgcagtt 240
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atagacatga atcaccctga ctcttatcag gatggggcccc agttaaagag atgcaaccga 360
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<210> 27273
<211> 273

<212> DNA
<213> Aspergillus nidulans

<400> 27273

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ttgagttgtg taagtgttcc ctaaatgcgc cataggagta tcaatcaacg cacagtcatg 180
ctcattagcc cctacagtgac atcgccaact tcagcgacgg cttccagaac ggccttgcaa 240
atccccacaaa tgtcatcttc aagcacctgc tag 273

<210> 27274
<211> 306
<212> DNA
<213> Aspergillus nidulans

<400> 27274

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ggcgactctc atccgatcag tatggcgccgtat tttctcc tcaaggcgaa aaaggccaga 180
ttccatgtca tgccggactt tcctgtcca gagacctgcc gttcaaagat cggaggtcct 240
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ccatag 306

<210> 27275
<211> 510
<212> DNA
<213> Aspergillus nidulans

<400> 27275

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atccccgcga caacgtcaag cgcaataag caaccgggtgt ctgcattgtat gcaacgtatg 180
cgagattag ttgctctaac ggagctgaga gtctgcagct gctgtttcaa gacatcgctt 240
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agcttccaga gatggtgccg ggatccatct acaagaacac agccagtgaa cagacacgtc 360

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<213>	Aspergillus nidulans					
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aagaacaaga	gcaacgcccag	caacgcgcagc	aacgcccact	ccaagaacaa	ggacgcagcc	180
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ctcctgctcc	tgctcagaac	cacgcgtact	cgcagcagca	acacgactcc	tacagtcaac	180
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cccaaatgcc	caactttccg	ccaccatttc	cgcagatgcc	acacatgcag	atgccaccag	360
gtcagattcc	gcccccgcca	ggccgcgg	ggtcatatgg	ttttcctcct	ggcgaaagag	420
gctggcatca	acaacctcct	ccgcccgcgc	cgtccggacg	gggctggcgg	tagctatggg	480
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<213>	Aspergillus nidulans					

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 gacacacacctc aacctgaggt tccctctact gggcctgagc agcaacaact agcagcagac 180
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 aacccctcg ctaaatcaga gttacgacc caggttgtcc cagagatagt accagatctc 300
 aaaccggtaac ttgagtctgc gccggaaaga gaaccagagc cagagcaaac gcagaacatc 360
 gagcaatccc agacgccgtc tgaccggac attccttctc aaacaccgct cgaagacaat 420
 gatttcactg aaataaccaa acacgacact tcgtcaaatac aaccccccgg tatgatcgat 480
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<210> 27279
 <211> 307
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27279
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 atgaaagacc gggaggctgc ggcccgccgc agtgtcggcg taactacgctcg cggcccttc 180
 gatgtgacaa ttgacacctt cgtgcatgtt atcatcacca actccactgc cggatcaat 240
 atgaccacct tgccgtccca gatcgacgag caaatcgacg tgctgaatga gaactacctg 300
 ggcactg 307

<210> 27280
 <211> 321
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27280
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 agagatgtcg aggcggaaag agaggacggc gaagacgtgt ttttgcgtgg agttgagctg 120
 ccgcgggagc gggagcggga atgtcttggg attctggctg acggtgttgg tgattgtat 180

tcaggcgca
atctagaaga tgcgtatgga actgtgagag agggcgaagc agaagaggat 240
gctgggtgtcg atgagcggga ctgggagcgg gtatgcggc gggtagccgt gattccagtc 300
gtcatcgctg atacattctg a 321

<210> 27281
<211> 373
<212> DNA
<213> *Aspergillus nidulans*

<400> 27281
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tgtcttcacg cccaagggga tggccaagta tcttgagcgc caacagtcag ctccgtatca 120
tctcaaagac ttttctgct tagacgagtc ttaccgatcc atcaactgact actgcggcgg 180
atttgggtg ggaccaagcg cccccagtca ctcatacaac gtcttgcgtc ctgatgcggc 240
agatccagag gacgaaaagc gctgcacggc gttcaacggc gtgcaaaaca tgcaggagct 300
tctcgagacg gaccggccac aaattacagt ccaggttaacc cggtttagtg atgctaccct 360
gatcacccatc tct 373

<210> 27282
<211> 330
<212> DNA
<213> *Aspergillus nidulans*

<400> 27282
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gtcgccgcga aacttccaac tggtcttggc cttgagaagc ggcagactgt gagtatatac 120
tttattccag catctgttta ccttattttc tccgtccggc aggctatag tcgagaagga 180
gtagagtata gatttctct acataacaaa catcttacgc tccctgtaca gccccactaa 240
acaactatca tactatagca gtgctccatg cttccctgcg acgaaaacac agcgatcctc 300
tgcagtctcc taaattgcgg gacttgcgt 330

<210> 27283
<211> 245
<212> DNA
<213> *Aspergillus nidulans*

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cctggaacaa	gtgaaacttt	ggagctgaca	tgttcgcat	cttttagccg	aactttatttg	180
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aggaa						245
<210>	27284					
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ctgcaacaag	cagaacagtt	tgcgcagtat	gcgcgcgcac	agaggatgta	tgcgatgctt	180
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<210>	27285					
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<213>	Aspergillus nidulans					
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caattgtaca	agcagatgt	tatcgctgg	gacatgcaga	gtgtttcga	gattgctcct	180
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tcctacccca	aggcaggcga	tttcaagctc	cccaaggacg	gcaaggccct	gcgactgaac	420
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ttcgagaacg	acttcaccac	tgctatggag	aaacagctgg	gacagatcat	ccgcgaaaag	540

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gccaaaggcg tcaaccccaa ccaggagggc tttgaagact accatgctgc ttccgccag 780
ggctgcctc cccacgcccgg cggtggattg gtttgaacc gtattttat gttctttctt 840
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<210> 27286

<211> 525

<212> DNA

<213> *Aspergillus nidulans*

<400> 27286

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aaagccgagg gccaatacac cccaaagactt catcgctgga aaaccgatga agaacaatc 420
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gaagcccgcc gtagcagtgc aaagcttgct ccttgcctg aatag 525

<210> 27287

<211> 312

<212> DNA

<213> *Aspergillus nidulans*

<400> 27287

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ccttcctctc cggctcccaag acactctcca gatccaagag tccagcttaa gacgaacgtg 180

acgattcgtc cagcttggt acgccgcct acgatgaggc aaataaaaaa aaaatcagtg 240
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tccctgggct ga 312

<210> 27288
<211> 274
<212> DNA
<213> Aspergillus nidulans

<400> 27288

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tatgtcctgg ttctccaccc acgaaaggcc tttctcccaag taggcaaacc gggtgcctct 180
gtacgtgaaa tggaagtccct cccaccgatc ctccgcaagg gtctgcataat attgcagcga 240
gctgccaggc cacagcgccg tgatttgcc agtg 274

<210> 27289
<211> 315
<212> DNA
<213> Aspergillus nidulans

<400> 27289

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acagcacata tcccgtaact ttctcgaattt acgaggctgc tcttgc当地 tcgctatcaa 180
aactctttctt acaccgccc当地 cgttacggat cctgtatcg cgtccgtctc gcgtgtggcc 240
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acaggaacag ataaa 315

<210> 27290
<211> 426
<212> DNA
<213> Aspergillus nidulans

<400> 27290

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cacaagtgga ttttccgaca gagggaggca atgatggat catcaaagat gatgtcctt 360
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tcgtaa 426

<210> 27291

<211> 204

<212> DNA

<213> *Aspergillus nidulans*

<400> 27291

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<210> 27292

<211> 1564

<212> DNA

<213> *Aspergillus nidulans*

<400> 27292

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tgcaatggg gagcaagtgg atagagtaact gaaggtggcc atagccccct tggctggta 540
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<210> 27293
<211> 210
<212> DNA
<213> Aspergillus nidulans

<400> 27293

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gttgattcag acattgtgga cgaagccaa cgaagagacg gttatatcga tcaggtcgctc 180
ttgcagcaac cgctgggtta tcaatcgtag 210

<210> 27294
 <211> 359
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27294

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 caccacatct cttggcaaag ttgcggagct gtatatcgac agcacgcttc cagagttcag 180
 ggggaggggc gttcaagtgg cattattgaa agctagactt gctgaggcga agagagatgg 240
 gtacgatatt gctgctgtga caacgtggcc tgggtgtgt agtgcgagga atatggaaag 300
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<210> 27295
 <211> 369
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27295

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 aaatccaggg gaagcggtag atcaggagca caactggacg tgcgcccagg gcgttcaag 180
 aaggtaauc taggagaaga agcggactgg gtgtgttagaa gcctcgagag tcggagatt 240
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<210> 27296
 <211> 474
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27296

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 ttcaaaggc aaacgacgccc aggttaacgccc ggaacaagga aaggacccgg gcccggacgg 120

gacagagggg aaaacaacca ggggaagaaa caagatgaca agcgacagg ggcgaacgac 180
acaaggaacc gggcgaaca gaagcccagg ccacgaaccg gaagggaccc ccaaaacggg 240
aacccaaaga gcgcgtgca gaatggacgg ccacagggg accccagaca agcctcccc 300
aaaagccaga ggaccaccc tcgaacaaa gagccgagcc ctcagaaaag acaccccaa 360
gcggggccca cggaggca cccgcaggc caaggaaccg cccaaacccc cggggcccaa 420
gcaaagcga actaccccgaa gaaagagaag cttagcaccc aaaacccttt ctag 474

<210> 27297
<211> 243
<212> DNA
<213> Aspergillus nidulans

<400> 27297

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ggggaaacaa agcccgccgc cgacgattcc atcgagctca agcgagagat aacgcgctt 120
aaaattgaga acgatctccg tgctcttgca gagtctcgag agattcaacg gctccaagct 180
gaggtgaagc gcttggaaag gctcaagaca gaattgaaca gagcgattga ccggttgtat 240
tag 243

<210> 27298
<211> 484
<212> DNA
<213> Aspergillus nidulans

<400> 27298

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atatcatgaa ctgactgttt ttggaaagggt acacaagaga ctgaaattga gctcgacatt 180
gatgaacttc ccaatgatgt tctttggatg ctgctcaagt tcgtgaagaa aaacgcacct 240
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accgaagaag aacaagccca tgagcaagta cgaacaggaa gctcagatta atatgctga 360
aagcaacctc tcacgcttcc aagggggtgg gcacggtcgc tctccgaac cagttccctc 420
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gtaa

484

<210> 27299
<211> 984
<212> DNA
<213> Aspergillus nidulans

<400> 27299

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ccactgagtc tccaatcttc acagttcaa tccaatcaa acccgcgtgc cgtcaatctc 180
accgacctct ccactcgcgt ccaatctatc ctgtcacaaa ccaatgcccga aacatccgc 240
cactcaagca cgcttacttc tcttacggat gaaatcatcc gcagcggcaa cccgctcgcg 300
tacgaagtcg aggttcttcg cggtgaggcg atcgcactct cggacttgct gacggagggg 360
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gaagctgcaa agaagctacg tggtgagatc aatgagcttc tggatagcga tggtgggctt 720
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cgagaggaga ttacttggaa atga 984

<210> 27300
<211> 611
<212> DNA
<213> Aspergillus nidulans

<400> 27300

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tccatccgca cctggctgtg tcccaacgcc tggaatcagt ggatcttcgc gtatccagat 180
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gtcaagagag atgcactgcc tggatgtcc gttcctgttg gggatataa tgctgaaatg 540
aacggtagcca cccttgctga tggatgagc caggtcgca gtcgactatg gctggatttc 600
agtccgacga g 611

<210> 27301
<211> 533
<212> DNA
<213> *Aspergillus nidulans*

<400> 27301

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tgcaactgcc cgattcccat ctcatcagcg aatttcgcgc aacaatcacc tcccttggcc 180
gtgaatccgc aacgctcggc cttaccacta gcctcttcaa tgacatgctc tatttccact 240
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aagacctcgt gaagcgtcag tcggcgaga cctcggagca gccatggtgg gatttccccg 420
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<210> 27302
<211> 777
<212> DNA
<213> *Aspergillus nidulans*

<400> 27302

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gccgagaaga ccggctgctt caccAACGTC gatcgacga tgcacctgag ccgcaaggcc 120
gtcgaccgc caggagaagg taaagctgat ctgcacatat tcctcgattt tgccaaagg 180
atggacttta ggaataggga cgggggtccg ttgatcccgt tcacgaatcc cgaggaggtg 240
tttgaagaat ggaagaagat gtcctacggg cgccccctt actgcagcga cctcacgtat 300
gagaagttgt ccggcgggtc tggatccag tgccatgta caaaggagta cccgtttgg 360
aaggagcggc tcttcgacga tggcaagttc ttcacggaca ccgactactg tgagagctac 420
ggccacgacc tggagaccgg gacgcccgtg acgaaggggc aatacgaggc gatgaatccc 480
gccggacgcg cgatattaaa ggcagcgcattatcggaagc cgtggaaatc gccagacgag 540
gaatttccat ttacacttc gacaggccgg aacgtattcc atttccacac ccggacgaaag 600
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gcagatgcag atgagctcggtt cgtcacgaat ggggagatgg tgattgtcag atcaaggagg 720
ggccaggttg agctgcctgt aaagaccgag gggatcctaa gctgggtctc cctata 777

<210> 27303
<211> 329
<212> DNA
<213> *Aspergillus nidulans*

<400> 27303

gatgctgctc gatgtaccccg ggaatcacaa gcggctctcg gcttgaacgc aggccagctg 60
tgcgtgc taagcgtctt tttgagagcc accccttctt catcgac tgggtattt 120
aatgcgttta acagctctat tggactggc gcacaggcat taaggctcca gacttgcaat 180
tcacctgctg ctagggaga cccgagccat gactggggcc gagcaggagc gacccggcc 240
ttctcacaca tcgcccacgc agtcattgca aggaataaaa atggagattt aactggtcaa 300
cacgagcccg aatagacaca gtcctgaag 329

<210> 27304
<211> 282
<212> DNA
<213> *Aspergillus nidulans*

<400> 27304

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gctaaattcg tcacatccac acttggtAAC actgtcgccg gcgtctccaa gaccttgggg 120
ggcgTTacgg gcGCCGcaac tcgCGGactg ggcgatacag tgaacagtgc taccggtagt 180
tcggggaggc ctgttggcga tgctctggga aatgtggggc cgggatttggg ggatggactt 240
aaaaggttgg gaggggggtcg aggatgcggg acagggaaat aa 282

<210> 27305
<211> 226
<212> DNA
<213> Aspergillus nidulans

<400> 27305
cgaaaaacat cgatggtaact ggTCGGCCT tcGCCGAGAC caaacaccat ttaaagggtc 60
ttgagcgggg gagagatata tcgggtggat ggtgcgttga tggagatggc cagttcattc 120
tcttctcagg acgggaggct gtggaaaagc ataattctt tgctcagagt gagggttca 180
aagagtttgg ccgtatcaga gactatgtcg aggaagttga gataaa 226

<210> 27306
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27306
atggcggcca taattatgat ggccaggagt cgacatatcc agagtactt gttccaactc 60
ggcagcttt tcctgacgga gagctatatg aaactttatc atcttggaaag gccggcgcac 120
aggacctcta atccagccat ctggggctct ctggagccgt tcgacagtga cataaccaa 180
atcggcagcc acgacattga cgaaacaagc aatgacaagg gagagtgttc ccgcgagaaa 240
agagagtga 249

<210> 27307
<211> 505
<212> DNA
<213> Aspergillus nidulans

<400> 27307
gcgatacgtg ccacgaacaa gctggtcgct cactatgagc aacgtctgag caaggttccc 60

tcggcgagcg agctcgaaaga agggaaagacc ctcatccagg agctgacaac gagtgtgaag 120
gatggtcagg agcatgaggt ttcgttccag gatatgcctcg gttatgtctt gtttgtata 180
attttatcga tgatacgatg actctgacct gactatggtt tcaggccggat atcgagagg 240
taaaaaatgga gttgtccact tcgaaagacc tcgagaaagg ttatgctgag aagatcgccc 300
tcatggagat gggaaatcgcc ggattgcagg ttgacaagca gacagcgaga aaccagattc 360
attgcttggc gcagaggagg gaggagctct cccaaagggt gatggaactg acttcgactg 420
tgcaaggagc gaagaaggcg gttcacgatg ctaagggtga actggccgct gcgtattcta 480
ggttgctggc tggatcaag gaaaa 505

<210> 27308
<211> 579
<212> DNA
<213> Aspergillus nidulans

<400> 27308
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gtaaaggatc cccgcaaaaa aacccgcgtt aagctgcgtt ttaagacaag cggtgactac 120
tttcgttata atacgatttt gaagcggata agccatctag attatgtgaa tgatatcgac 180
caggttctta agaacgcggg aaggaaacgg tcgcagcaaa tacaggccga gatcgagtgc 240
ttgaacaaag tgaggaacgc aaaagagatc gtcgaaataa atgagattat tctttggatt 300
ctgtacggca gggagtggct gaaacctaag caggtggctg cggtgctgtt cgtccagagt 360
ggtgagctgt cgcttttgc gctcgaggca aagttgcagc tcaagtatac gctttttgaa 420
gttgatagtg acggggatgt ggattttcgc tcctacgaga ttgtcgactt gattcctgag 480
ggagatcagg gccagtttc aacagcgaa aaacaccgtc aaacaacaaa gagaatattg 540
cccgaggaaa tcgatatcat acgccacttc cttcgaact 579

<210> 27309
<211> 317
<212> DNA
<213> Aspergillus nidulans

<400> 27309
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ctcccaggc cggcctgga cagcgcgcg aaagcgacg ttcacggcag tttcacggc 120
agcattctag gcaccgcccgc cgatataaat gatccatctt atttgtggac catgtatgg 180
ctgaacacat cggaggaata caagtacttt caggagccgg ggaatgacga gatccacgccc 240
cattatgact cgcgttctt caaagatccg gttcctaaag agcaccgttc gcaagtctt 300
acacatatca tccattc 317

<210> 27310
<211> 255
<212> DNA
<213> Aspergillus nidulans

<400> 27310

atggctcttc tcgcccgtgc cccccacagcc tcgagcatct ggacctggcg ggagctgacc 60
ccctcgtagt actccccagg atcggtact tcgaacgaga gcgtggatct ctcccgaaagc 120
gacgatctat catactttgt cgcggagatc gcgtgcggaaatgctgca gcgtgcaca 180
tggcgacga cacgctggcg cagggcagac acgtctacgc gcccattcgtc gccgtcgaac 240
ttgagcgcca attag 255

<210> 27311
<211> 224
<212> DNA
<213> Aspergillus nidulans

<400> 27311

ggtagatgacga ccgtaccctg gtcggcacgg tagcgccccctt caccatcct gttactctgc 60
gggttcagtc tgcggatcc ggtgcgtga gcacgctcgg caccaccgtc tctgcagtcc 120
agtccgcaga gcccgttttgcgttca actgcagcag gaggtcttag ccccgccgg 180
aaaggccacc agcaggctgc caccaatcaa cggtatacaa ggtc 224

<210> 27312
<211> 255
<212> DNA
<213> Aspergillus nidulans

<400> 27312

atgaggggggg gggggatttc gagggataga ggagtggtag aagtgagagg gggaaagatg 60

ggatgggaga gtgagtgggg gaagaaggga gtgtccaaa gagggacgga gnatgaaaga 120
gaggggaaga gggagggcac gagtgaaagt ggattgaggg cacgtggga gttcgtaggg 180
gtgagccat ggaagccgaa gggtaagaa ggagtggagg gagatggga aaaagaggag 240
aaggtggagg ggtag 255

<210> 27313
<211> 246
<212> DNA
<213> *Aspergillus nidulans*

<400> 27313

atgacgagcc gtattgtac acccgagacg ctagactcac tcatgacacg ctatatccat 60
atcacagttc tagagatcaa ccaagatgag gtggatagcc ctgcccgcac aaacgatgta 120
gtattcaact ccaccactgg tggtaacc aaccagatgg gtcctttac actttagtc 180
gggacgaacc acggcctggg aaggattgca aacaccagaa tgagcatgat gcatcggcag 240
aagtag 246

<210> 27314
<211> 249
<212> DNA
<213> *Aspergillus nidulans*

<400> 27314

atgaagctgc tattcaactc tctctcgctg ggtatgact tgccaggcgt cctacgcgcg 60
agagaatact ccagaaatgt cgatgagcgt atccctgagg gcaaaacctg gttctggagc 120
gacttccgca ctcaaacact tggattgag tcactaaatg gtgaagatgt cggccactat 180
agcgaaacac gggacgtgaa gatgtggagg gccaactcag gatcatcgat ggcaccgcag 240
ccaggctga 249

<210> 27315
<211> 258
<212> DNA
<213> *Aspergillus nidulans*

<400> 27315

gtctccgccc ttgtatgaag caggaacctt cttctcgag cgtggccctt tacaatcaac 60

agggccttac tcacaagaat gtgcagcgta catcatcgac cattttgttc ggcccactgg 120
cggttgcata cgacgtcgac gaactcagct ttgattatcc gttgactgta aatacaacct 180
tcggcgactt agatgacggc ctcaccatcg acgcttggat gcggagggga ctcagagttg 240
acccgagtgg cgtacccg 258

<210> 27316
<211> 396
<212> DNA
<213> *Aspergillus nidulans*

<400> 27316

atgtccgtaa accacgttca gcccggcggc tacttcctgc ccccgactcc gcacgttccc 60
aacagcaggc ttccctgtact tgtgtaccgc aatgtcctgg aggataacaag tcctcgcaac 120
atcgtaaaca ctatcgagcc gaatggctgg atcaagggtg ggcagtgaa gacgtacaag 180
gtgcctcact ttccacacccaa ttgccacgaa tgctatggaa tcatccgagg gggatcaacc 240
tatctcccttg gggtcggccc caacgacccg aaggtcgacg aggaggtag tccatatggg 300
atgaagttga ctgtccaaaa agggatgtt tttgttctac cggttaagtgc tacttcaaggc 360
aaatgcggaa tgcgtgacta caccggagga agctaa 396

<210> 27317
<211> 357
<212> DNA
<213> *Aspergillus nidulans*

<400> 27317

atagtccatg agcagccgga agatgagcca gtggatgatg gctggggcag catttggggc 60
tcttcaaaag ataagaagaa gtcaaagaag aacagaatcg ccgcagagcc tccgccccct 120
gcgcacacac ctccttcctt agggctcgag cggaaattta ccagggactc cgagctcgag 180
agagaagacc ctatggga cgattatgac ggcaagcccg taaagtcgaa gaaggaggag 240
acccctgtta aagccgtcaa aggattctgg gccagcttgg gagcagctac tatgggaagc 300
agtaaaccaa aggccagcaa gaagaaatcc gaggagaagc ccagagaacc tgacccg 357

<210> 27318
<211> 378

<212> DNA
<213> Aspergillus nidulans

<400> 27318

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ctccaaacca gcaacaaata tccagcgta gatacatgt ccctccaagg caaagtctac 120
gccatcactg gcgggtcaag cggcatcggt ctgcacaccg ccaagctcc 180
gggggcacccg ttgcatacg cgacgtcaac ccgaccactc tcgcccgaagc agaattctat 240
ttcagctcca agacacccgt cgtccaatac acaatcactc aagtagacgt ctccaacaga 300
caacaggtcg attgttggat cgcgtcgatc ctaacgaaat accagcgtct tgacgcgcgg 360
ccaatatcgc aggcata 378

<210> 27319
<211> 254
<212> DNA
<213> Aspergillus nidulans

<400> 27319

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tggctctcgaa actcggcca caacgtcact gtgatcgaac gcgcttcttc actgcgcgca 120
agcggattgc aagtcgaccc cctgtggccct ggcattccaag tgcttcgcgg gatgaagcta 180
gaagaaacat tccgcccagca cgctgtcgcg gaacaggggc ttcaactcgt ggatcgaaga 240
ggccgaagat gggg 254

<210> 27320
<211> 621
<212> DNA
<213> Aspergillus nidulans

<400> 27320

atgtggatat tggcctgccc gctgccgacc atcctgcggc tgcatgtatc caggagtaag 60
aagattcggc ttagtttgct atttacggtg ggactggcgt acattataca cccatatgg 120
agtggatcgc tgaggctaat gaagtcagaa catgcactgt cagtgcgcgc cgcctctc 180
ttgttgtctc gcagggtctcc acagacttta cctgttaaggc tatcaccctc ctgacccttc 240
tggatgatcc ttacatctca gggccggcg tccctctggg catcctctcc gtctgggagc 300

ccctaggcgg aatcctctgc gcaaacctgc ctctctcgca caagctcgtc ttgagcgc 360
tccggaaagt cactggccgc acttcctctg agcgtaacca tctttcacca accgggccc 420
gcagctggta tcgcctcgag aattacotcc accgaaaggc aaatcgaaat ctagagacta 480
gtacagatac ttactataca actcattcat atacagattc gaccgagatg ggtggtatcg 540
ttgtccaacg gaattttgag caggtttctt cgtatacggg tggatcca ctgcggcaag 600
aggaaagagac aggagtgc 621
g

<210> 27321
<211> 255
<212> DNA
<213> Aspergillus nidulans

<400> 27321
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agtgcgggtt ttaactcggt tgatccggaa gagagtccca ctaaaaaggc tagggatgag 120
tccaaaggga aggaaagaat ggctgttgct aggaccaacg aatatgctga tagtgatgg 180
ggtaaaaatg aaggttatcat gatggatgct cttctgaata tggaaaagga ggcttctgat 240
acggacttcg actga 255

<210> 27322
<211> 357
<212> DNA
<213> Aspergillus nidulans

<400> 27322
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gacattactg gcaatggctt caatgatttgc atcgttaggct ataattttgg tcctaccatg 120
atcaactcca atcctgatgg tggtgatatt atatggctgg agaaccgggg caacaacc 180
aacgcggagt ggaagcaaca ttttattggg agatggccaa cggccacccg cttgcagtc 240
ggttacttta cccaaaggac gttccctgag gtcattgccc cggccgttagt acatggcc 300
tacgataagg caagatccca gtggcataga gataccccgg ttactaactt gctatag 357

<210> 27323
<211> 383

<212> DNA
<213> Aspergillus nidulans

<400> 27323

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ctgaacgaga ctgtaaagct gaacgaaggc gagaatggag aaacaaatgg ccctgtacac 120
ccacggaaag gaatgccgga gtggaaatgg aagggcaccc ttgcggtcat ctgcgtcag 180
actattatta gcggtatgtg tgcattatc ctgcggccct caaccttact catttaacat 240
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ggaaatatcg agcttctgcc ctgggtgggt ctgtcgtaca gtttggccaa ctttgcgctt 360
atctcgctgt cccgcaagat ctt 383

<210> 27324
<211> 1349
<212> DNA
<213> Aspergillus nidulans

<400> 27324

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cccagctact ggctggaata tatgccgctg ctggcagggt tcgttttgc cggcgatcga 180
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ccctaatactc agtacaccc aatggcttcc tgcttgccat gacggtcttg tctggcgact 420
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ttcaggagaa ccgccacgca atcaataaaa ccgtcgccggc tgcaaagccc cttcctacca 540
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cgtttaccgt ccacgtcgcc acactaggca tggcccaatt ggcgacccag ctatatgtgg 840

tcgcactgat ggtcattcca accgtcctga tatgctacgg ctatgggtgt gacgactcta 900
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atctagatgt tgaaaaaggg tttaagtag 1349

<210> 27325
<211> 342
<212> DNA
<213> *Aspergillus nidulans*

<400> 27325
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tatgcaactc cgagtatcgg ctctacaggg cccggctgga ctgtgtccaa tcaagatccg 180
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gtattcgtgg tcctttcgg catgggatt atattggtcg ag 342

<210> 27326
<211> 596
<212> DNA
<213> *Aspergillus nidulans*

<400> 27326
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cagcttactg ggctgacagc catgcagccc cgtcactgtc tagaacggcg tttgatctt 120
aaggccacta gaaaacctga tctcgccaaat atgcgcagcg gcactggcca gggtcctgat 180
attgtacggc tcaataaaaat gctgaatggg cagatgttctt acacgcaggt cgtcgccct 240

ctatccgagg cagattcga cgaaaaaccg tcgtcatctg atagccagga tgttccatg 300
tcggggacac atgaagctgc aggtagctcc tacgactacg acagccagcc gtggaggctc 360
gaatttagag acactcctga ggcaggcttc cggtcgacca tcacggctcg gctggcggct 420
agcgctgctc taccgaaagg ggatgttgtg cttctatga atgcctgggg atataggta 480
gtactccgca gctattattc gggctcattc ggatgggcga catgggttgt tgacggttct 540
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<210> 27327
<211> 231
<212> DNA
<213> *Aspergillus nidulans*

<400> 27327

atggtcagct gtcccaccc tcactcatt ctgcgtcgaa aatatgaatt gtctgatcca 60
ctctccatag ctggtagcat tgctggctg attgtcctag ctgaagaact gttccacctt 120
gtatataagt tcaaagacgc gaaggagggc atccaaaaaa tatgcaaaga gatccagcct 180
ctcagtgctg cttacgatt tatcattgct tgcaaaatca ttcgagtctg a 231

<210> 27328
<211> 387
<212> DNA
<213> *Aspergillus nidulans*

<400> 27328

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ggctggcttgc atctgtttga cggcgacaag aagatatgcg aactacactg ggataaccgt 120
gccgagccgc gctggaatga ctttgaagtg ctggagccgg atgagggtcta tcgagtttag 180
tgttcggttgc ggagtagcga gaggggtccg ctggccatg tctttgtgaa tgtgagtgaa 240
gcacggaaagg aggaattgcg cagggagaag gagctggcg ggctgagggt ctttgaggc 300
cctggggctcg gcgagaagag tgtggacgtg gatgtggcg aggaggttcc tgtgttgggg 360
gggttgggggg ggatcggtgg gaagtag 387

<210> 27329
<211> 234

<212> DNA
<213> Aspergillus nidulans

<400> 27329

atggctctcg aagcgccgtc aaatcttagag actggtcatt acagggacag acgaattgct 60
gcacagataa ccagaggaat gcaggaacct ctcgaaacaa gtcagggaga aaagcctcat 120
ttgctggtat atagttccgt cttgtcttc accaccaagc cactgcaact cctcaaggca 180
cgagcacaca agctaaacag gagtttgcgc gggcgactgt tgggcaaaga atag 234

<210> 27330
<211> 230
<212> DNA
<213> Aspergillus nidulans

<400> 27330

atattctgaa gctgcgaaca ttgctgaggg aataatgaac actcatcatt tccaggatgt 60
gccatacatc ttcttgagga ccatcgaca ctaccttccg aagtactatt cgccggatgt 120
tgtacaaggc tcttgcataat gctatcaggt aacctatgca tttacaggta ctttatgcca 180
cagttagttt ccctgaaaac acactggcgt atgaggccca tgcttaatag 230

<210> 27331
<211> 423
<212> DNA
<213> Aspergillus nidulans

<400> 27331

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ggcgccctgg tcttaggaag cgaatttgcgc cgtcgatccg gccctgaaca cggcattgtc 120
agtgttgcaa tgaaccctgg tgctgcccgc accaaccttc tgcgcacacgc cggatggact 180
aagtttctca gttggccgtt gctccatagt ccgaagctag ccgctctcac tgagctgtac 240
gccggtttat cgccggatataa caacctcgag aacaacgggtt gttatgtat tccatggggc 300
cgcattcata ccactgtcgc cccccatctg atgaatgcgc tgaggtccaa acaagccgg 360
ggaactggaa gggcgagca gttctggat ttttgcgtat acaagaccaa ggattatcat 420
taa 423

<210> 27332
<211> 423
<212> DNA
<213> *Aspergillus nidulans*

<400> 27332

atgtcaatcc gagaaaagact gcttgcact gttcgaaat acattgccgc gtacaacgag 60
ttcgatccaa gtgctatgaa gaccgttcgc acaccaacct gccttactca tggagttgca 120
ccgacctgca agtttactca gagtatggag gaacacacga gacatatgtat gttatcgca 180
ggagtgttgc gatcagtcaa tgccagcatt gtggacgaca acattacggt tggatgtgag 240
gtgtcaagac aagttgtcgt gaaggtaaaa atcaggtgtg aaacgacggt tggaccctac 300
gagaacgaag caatgttat aatggctatg aatgaggagg gagctctggg ggtatgagatc 360
tttcagttct tggacacacgc ccgtttcgc cagttccagg gacgcctcga ggaggctcaa 420
taa 423

<210> 27333
<211> 297
<212> DNA
<213> *Aspergillus nidulans*

<400> 27333

atgtccccac gggcatctt tcacctcgac gccgaagaga atgggcgtgt catgcattgg 60
ctgacatgga ttctccttagg ccgtttgggt ggcggtatag tcgtcctcgac cacgaaatac 120
cgagatgtcc ccatggccat cgattccacc cgccctagggtt ggatggcgt gttcggtgg 180
aaagcatgga tccgccttagg ctgtcccgag tgtgagcgtgt gtgtgagtgtt cccccatggg 240
catcgacacc ttgcggctag gaactggaac gagacgggtg gcaaagattt cgagtag 297

<210> 27334
<211> 351
<212> DNA
<213> *Aspergillus nidulans*

<400> 27334

atggtcgacc aggggttgaa atcgtcgacc aggtccgaga cttcatcgac cgtgtccgag 60
gagtggtcga ggatttgcgt accaggagtt gaaatcgatcg accgggtccg agaattcgac 120
gaccaggacg gcgaaacctt cgaccaggac gatgaatggg cgtgaaaat ctatcggtt 180

cgaggaatgg tgcgacagaa gttgaaatcg tcgaccgggt ccgagaattc gtcgaccagg 240
ccgaggagtg gtcgaggatt tgtcgaccag gagttgaaat cgtcgaccgg gaccgagaat 300
tcgtcgacca ggacggcgga accctcgacc aggacgatga atggcgatg a 351

<210> 27335
<211> 309
<212> DNA
<213> Aspergillus nidulans

<400> 27335

atgctccgct acacgatcca cattaccgccc cgccctagcga attacagaaa caccatggaa 60
tatgaaggcg gcatggtcct ggagtatctg cctctacctg agcgtgaccg tctgtgtgca 120
actaaacggg cagtaacgct ggcggagtgg aaagctttt tccagatcct gcagtttcgc 180
tgtggcgtcc tcttgctggt gctgatgctg gctactaatg ttttcttta tccggggtcg 240
attgatgccc tcgtcggcag tgttccactc ggttcaggg gtgggctgaa tcgggtttt 300
ggtgtataa 309

<210> 27336
<211> 276
<212> DNA
<213> Aspergillus nidulans

<400> 27336

atgacacgtc tgaagcgcga actgttattc ctgagcagct ctaacgtaag aagagtaaga 60
ggttcaatta ttgcgtcga ggcaacggca ggggctttt tctttcacga gagggaaaag 120
aaaccagagg gagagacagg acggaaagct ggtactggtg aagacgaaaa aggaagagcc 180
ctgaagcttc cctccgcgaa atggcgacta ggaggtggg gagtaagaca cgagaacgaa 240
tctacggaaa ggaacgaaaa gagcactggg gttaa 276

<210> 27337
<211> 333
<212> DNA
<213> Aspergillus nidulans

<400> 27337

actttctgc agacgatccc tgacggtaat gcccggttt tccctgcgga cgtatccaag 60

tacgatgagt acgcgaatgt cttccgccaa gttcgcaagc tctggggccg tatcgatgca 120
ctatgcgcca atgcgggcat tgtcgatact tcgtccgtct atatatacga ctggaagaac 180
aggagcgttg atgacattcc tccggccccc gagttggatg tcgtggacat caactataag 240
ggagtaatct acggcactca attggcgact cacttcatga gacataatcc tcgacctggc 300
ggtcgcattg tggtaactgg cagtattgga gcg 333

<210> 27338
<211> 256
<212> DNA
<213> *Aspergillus nidulans*

<400> 27338

gccgccttgg ggctccggcg tggatccagt tggggttgtc tttgggctat ttgccagtgt 60
catagctcgt tctgttaggga gtagtgcct agactaatgc ccaacgtgtg atttccaagt 120
cttcactcta accaaacctg gcagccgact attgctgtag cgtaacaata gacttgctcc 180
tagcatgtct acgagccacg ctggcagcag gaaataactt tttccatata agttggcaga 240
caactgggtg cactaa 256

<210> 27339
<211> 348
<212> DNA
<213> *Aspergillus nidulans*

<400> 27339

atggccacct acggacgaaa tgtcctcaag aggcattgaga agatcctcac aggctcgatc 60
gacatcggtt tgcgcgattt gtagtctgtta gaacaaacgg cagctaataa gctatcagga 120
aacgtcagct acatcatgcc cacactccac gctatatttgc ccatcccagc aacgaatgg 180
tcgttccttc accatccgtc gtttgcctcg gctgcaggaa cagacgaagc tcacgaagag 240
gcgcgtgtgg tgggcaagac cctcggttg gttggctggg aaatgctcac aaatgatgag 300
ctgttcgagc agtccaaaag ccaatggcag aaatgcgtga atgaatag 348

<210> 27340
<211> 816
<212> DNA
<213> *Aspergillus nidulans*

<400> 27340

atgacaacag gagtcgagtt tgatgtgatc cagtcttcca taagcgcaac gactaccatc 60
tcataacaatc aacaaacccct cagggtaat atcaataaca tgtcatccac actgtctact 120
ccgtcattgt ctcagttcc gacgccgaac caaaccggca ggcttcccac tcccccgAAC 180
tcgcccaggaa aacgcatcc ccatatcatg agtgcggaa agaacgaaat tcttgcgcaa 240
gagtctacgc ggctgactga atctggcgat gatttcgctc caacgatcac ctcactcctg 300
aacgaatata ccgacagaat gaagcaaata cagaggcgga gactagctga acagaaagga 360
gaacatgaga tactttatgc aaaacttaga agacaaaaag actcagcgct gtctggtctg 420
aagcaggcgc aagatcttac caccagatac aagcaggaac ttgacgcaaa agtcattgaa 480
gaggagcagc tcaactgagaa gatgaaaacc ctagagaagc tgcttgcgtgacagccacg 540
caacattcag acactaagaa ggcgtatgct gagaaagagg aaatatggaa ttctgtcatg 600
ggtccctgt cgaggttaga gaacgtcaac ggcaaatcc gggagcagct gggagaaata 660
aaacagcagc tagaggggac caatgcttca attgcccaggaa aagagctat cagtacaga 720
aacctctcag aactcgcttc tgtgagagac aaactagctg aggaaaaagt ccagcgagcc 780
gccgtcgaac gcaggttgaa cgagcaagtc gataga 816

<210> 27341

<211> 243

<212> DNA

<213> *Aspergillus nidulans*

<400> 27341

atggaaaact tccaaccgta cgtcacagtt catatcatca ctcattgtcg cctattaact 60
ggatttcaca cacagaacaa gcaatgcgt gtcgtatca actctggccct ggctcacaag 120
gctcacaaccatcgaa ggaattgtcg gaggagggtc gggctctcgt tcaggacctc 180
cgaatcatca ttgaagaggc caagaaactt atccttagca agaacgacgg gcagttgttt 240
tag 243

<210> 27342

<211> 688

<212> DNA

<213> *Aspergillus nidulans*

<400> 27342

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gtgtggaccc gcagcaagaa cggaaacgcg atccagttcc cttccatagg ctcgaaccag 120
aacgtccaga cgcaactcgga gaagcccaag atgtcaacgc cctttcctc ctcaggatcg 180
gcctccaact ccggcacctc gacgcctgta ccgttcgacg agaagaccct cacttcagtg 240
aggacacgcg ccgcgggcga acaccgcaga gacacgactc gccccttcgg ccgcgccttc 300
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ctcgcgcatg ctttgagaca ggaataccgc gccttgacc gcgaatggtg gcagccttt 480
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ggtgtcgccg ttgtcatcac cacgaaatgg gctgtcatgg gccgcccac agagggccag 600
tatcactggg acaaatgcag ttataaccag cgctggcagt tctacctgac cgtggaaacg 660
ctcatcaaag acatgtaccg cggcatcg 688

<210> 27343

<211> 309

<212> DNA

<213> *Aspergillus nidulans*

<400> 27343

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gtggtcggat gccgtatatg gatgatcgat aatccttcgg ccggccggagt aggtcacgcg 120
acccaagatg ggaccggat cgagaccgcg accgcgaccgcg cgacagagac cgaccgcttg 180
accgtgatcg tgaccgagag cgcatcatcg tggatcgaga tagagaccga gatattcggg 240
acatcgatag acgcgatagg gaccgtgatt tggatcgccg agatagattc gatgcgcgtg 300
acgaattag 309

<210> 27344

<211> 246

<212> DNA

<213> *Aspergillus nidulans*

<400> 27344

atggcgctga tcgccaccct cgcctgcctg gtgctggct acccgttgc ctggttctg 60
gcgaagttgc cacacaaggc gcgtccgctg ctgctttc tgctgattgt tccgttctgg 120
accaactcat taattcgat ctacgggctg aaaatttcc tcagcaccaa aggctatctc 180
aacgagttt tgctctggct gggcgttatc gacacaccaa tccgtatcat gttcacgccc 240
246
agtgcg

<210> 27345
<211> 342
<212> DNA
<213> *Aspergillus nidulans*

<400> 27345

atgccgacag cacaactgca tcatatagtc cagggcctcg ctggcgttcc taagaccttt 60
atagaacaat cgcccaaga tatcatcctt attgatgtcc ttgttgctgg ccccagcaaa 120
cttggcata aactcggcg tttccagaaa accatattct gtcacactca gctctgtgac 180
tgtcggcg gacgtatcgc ctcgaggtgc caggcaggct acatgatagc cattctctct 240
cgtgctgcga aaaaaatctt gggctccac gtttatgagg tttcgagac tgcgatgact 300
gctcacatac aggttagcaac cggtaacat actacatctt ga 342

<210> 27346
<211> 807
<212> DNA
<213> *Aspergillus nidulans*

<400> 27346

atggggtcgc cgctgaaaag aaagcgtctg tatcttggt caggagccga cgacgaatac 60
gagacgagcg atatcgatt gcaagaagca cgtacccaga acgacttgcg tctgaagtcc 120
atcttgagg ggatttcga aaagtacggt cgggattta cagacgtcgg cgacgagatc 180
gaccttcaga cagggaaagat cacggtaaac aacgggcaca tcgatgcact cgaggtggaa 240
ggcaacggtt atggggactg gctgtcgat gcaaggccgc aggctccgag acatgtacta 300
gcagaaaagga cggattatga gggcaagccg gcgcccttg ccctgacgc cgatgcgtgg 360
ggtgccagaag atactgcccct ggaaggcgac cacgacctgc aacatcccg ccggaggacg 420
gtccatctac tatcacacat gcggccaggc tctaggaggg gattggcgaa aactacggaa 480

acagattcag atcagggtgc ggcgggtgac ggagaggatc gtgctacgtc ggaggctgaa 540
gacgacaggt cgagtgtgga ttctttgtta ggtaccgcac tatcaatccc ggcccagaaa 600
gtcggtaaga ccaccaaggg cgagactggc accgaaaaaag caattcctcc ccacgacgga 660
tcccaccaat accaggccgc acatactgag agactcgatg agactgtgga ccccatttgg 720
cgcgttcctg agatcagtgc gaagtttaca acaccgactt tgccgagtcg acctagacct 780
aacccaaagc ctgtcattaa caatgca 807

<210> 27347
<211> 650
<212> DNA
<213> *Aspergillus nidulans*

<400> 27347

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tccgccccaa aagtacacacc catcgctgac aagtcaaacc cccgaaaaat tcgagtcgccc 180
ctgcccagaga tcagacccga aagtgaggaa gggaaagaag atggcccccgc gcgtaaaaag 240
ctcagaatcg gaggaggcgg cgccggcgcg ttcgcgggct tcaattcatt actacctgcg 300
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gagacaatcc ccaaggcggc gagttgagg gaaaaatgagg acattgaggc gaggaatgcc 540
gtggaggaga aaccccagga agtggtcctg aaggggaacc caatgatgtt caaaccgctg 600
tccgtggcgc gaggcaggca gaagaaaaaag aagccgattt ttccgacgccc 650

<210> 27348
<211> 468
<212> DNA
<213> *Aspergillus nidulans*

<400> 27348

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ccaccgaccc gcaacaagtgc ccgacccggc taacctccta cacctcagga ttcaaacaga 120

accagttatt ctgtcacctg cgctgactcc gtcacaacaa cctgcaatgt cgacagcggc 180
gtgacaatca tccaggcccc cagcactgtg acagtctcg tcactgaaac aggacagtaa 240
ggcacccgtc cactcaccaa caccttttgc aatcccagcc aaccaatgct aatatccatt 300
tcttgcttca gcaccggcag cgttctctgc acacacaacg ccaaaacggg aacgtgctcg 360
ctcggtatgg acggcgagtt ctttgcacg agcaccgaac ctgttcttc gtatgaagtc 420
accatcacccg aaacagagac cggttcgccc tcgacttcga aatctccg 468

<210> 27349
<211> 1033
<212> DNA
<213> Aspergillus nidulans

<400> 27349

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ccagaactcc ttccccaaac gtttgtgaac agtacaatgg acggtccgta tactggaccc 180
catagcgccg atttcctgcg cggccctgt cttcttctcc acggcgggggt gttcatggat 240
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gagaagtaca attcgctatg tgactgtgga gaagccgaag gagacgatgc ggaagggcgt 1020

ctttgagccc taa

1033

<210> 27350
<211> 1073
<212> DNA
<213> Aspergillus nidulans

<400> 27350

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gatccgtcgt ttgatccaca gcaatatcgc aatattcata atttctatgc gaatgcgaac 180
ctctcggtat taggaggcgc aagcgcaact ggtactttcc cgccgcctcc gttcgcttcc 240
cccagactt tccctcctgc accgagcgc accccatcg caaacatgcc gaacgtgggg 300
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<210> 27351
<211> 396
<212> DNA
<213> Aspergillus nidulans

<400> 27351

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agaggagcag ccgaaggaac ggggtcagag cacttacatt gtctcagact tgcagaaagc 180
acaaaagctg gaatcagatg aaaatatcg tgaagacgt gataaatgga tggaaagagac 240
gctcgagacg aagcaggtca agaatcgaga atcgagaact cgagatgttgcac 300
gaggaaggaa cgaccgactg cgaaagctt ggaccacccg atcccgcta gccctgatct 360
ctactgtact ggtactgttag agctactcga gagcag 396

<210> 27352
<211> 672
<212> DNA
<213> *Aspergillus nidulans*

<400> 27352

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agctccgtgg gatctagccc cgaaacccc gaagaagcca tcgcagaaga tgaaaactcg 180
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tcacctgcca ctggaaagcg ccggacagcg tcgtctgccc gtctctccag ccctacaacc 360
aacacaggtg ctccagtatc attatctgca agtacatata acggtttcc accagaacgtat 420
atatctaaca aatcttggcg accaataggc gagggtttca actggtctga agctttcgaa 480
gcaaggggccg aacgcggccc tttatctcca aattcagccc aggcccagca ggccccgcag 540
acccagcacc gccggctcgc atccgttgcg tccctggatc tgcccgcacg ggaaatgccc 600
aagcaaccta aacaagtcaa taaacccgac tttttccagg agaagatcct cagaggcgac 660
tttatggact ga 672

<210> 27353
<211> 348
<212> DNA
<213> *Aspergillus nidulans*

<400> 27353

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gatgtgagta cgacggagat tgatattctg attgatccgc aatggcctga tagcaaaaca 180
tctggagggtt gcccggccgccc gattattgtg agtgctgcgc cgtaccctgg tgagggcttg 240
aggattgttc ggagaagcag cctacaattt atcccaaaag acgcgagtaa taccttgcatt 300
tggctttcg cgatggttgg gacacttgat gacaagaaga agacttag 348

<210> 27354
<211> 731
<212> DNA
<213> *Aspergillus nidulans*

<400> 27354

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tccatgttcc tgccctgggtt tagtaaggaa agcatcggtt cctcagtcgc tgaaaatgtta 120
ggtttaattt aatcattgcg tgacggatta cttcgacctg cagagctgat ttggttttta 180
ggacgataacc gcaaccaccc acagcatgac ctgtgcggct tcttatgaca acgaggagga 240
atgtggatag ggcaatggtc tcaccgtggt caaggccggta aaggccatga cgtatatgat 300
ggatgaaggt gacgcgtagt acgcttcca attgcattgt caccacagct tggacattat 360
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gtacaggcag tgcaaccggg tcgggtgatg gtcttcctgc gtcgcaaact tacaagacct 480
acgccaata tgtgcctgtt actataactg caggctcaat cactgatgcc acggctgcgc 540
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gcgaagccgc cgaagagacg gctgatggat ctggagcaga agcgactccc acaggtgcgg 660
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cggtctctcg a 731

<210> 27355
<211> 1182
<212> DNA
<213> *Aspergillus nidulans*

<400> 27355

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 gtgaatatca tggacttgag cttggcccg gctccagagc ccaaattcctc caacggtgag 180
 gtgtacacga tgccggttcc gaacttctt tcattagaaa cagaggagtt caacccagag 240
 acatacgttgcg cccgcata ctctactgca gcgacatctc tctgctggcg ctatgacccg 300
 aatgatgaga atgttgtcca atccaacgca cgtataatac gctggagga tggatcttta 360
 acgcttcaac ttgcatcgac acccaaagaa caatataaaa aagacacgaa acctttgtt 420
 cctcttgaca agtcgggaga ctacgacacg aagttggatt ctcatgtata tttaggagca 480
 gcgtccgaga catcaggagt gttcagactg acttctcacc taactcatgg actcactgta 540
 tatcccacga ctatggaaac agatgacgacg gttcagcgac tgcaggaatc cctagctgca 600
 gctgcccgcg gcccgaagaa gacggcgat ggatcagcac ccgtcataga agtgaaggaa 660
 gacccggagc ttgccaagcg gcaggcagag ctcgcggAAC gcgagaagtt aaaagcggca 720
 cgtcgccgtg agcagcttgc agatagggag ttggaccgtg gccgcagata cggcatgtct 780
 caccgcaccg ggggtgccgg acttacagtgc gggggctgg aagatgatga cggcctcctc 840
 gcgacaaggc ctcgtgaaa gaagtcacgc cgccctaacc gtagaggcga gattttca 900
 gatgatgagg aagactatga ccgcgtggc cggacacggg aagatgaata tggatgatga 960
 gacggcttcc tcgtcgccag cgacgaagag cctgagatcg tggatgatga cggtaagaa 1020
 gacgtttgg aagatgatga cctggacgca gaaggagaag atgatcttcc ccctccaagg 1080
 cccagggaaa agcgagcttc ccctgacgca agacctgcgg tagggctcc cccggctagg 1140
 aaaaagaacc gctatgttgc ggtatgatgatgacgaggagt aa 1182

<210> 27356
 <211> 593
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27356
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 ggttaagtggaa ccaatgcgtat tcgggatctt taggggtcat tgctaataag agttgggaaac 120
 cagggaccac aagcagcgatc actcccgcca cttctgcggc cgaaggccgtt gagcagggtgg 180

ctgaaaaggc gaaggagctg gccaaagaca ttggggccgt cccgcggag gataagaatg 240
acgctcctgt gcagaatggc acacataccg acgaggacaa ggaacgtggt gctgagcaga 300
atcccggtgt cgacgagaag cccgagccag cattggagct gctgtccagg cccggatggcc 360
cggaagccga gccggctgtc gctgtctccg agaagcccga atcgaacggc gtcacacccg 420
agcaggctcc ggtcgctgaa ccgacatcga cccaggtcaa gtctgacaca cccgctgtcg 480
aggaaaaagtc gaaggctgtc ccggaaccgt tggatcgacc agatgtcgcg gctgacgaga 540
aatcatccgt ggccgagccg gcgacaactg aagtgcgcgc tcaagcaccg gtt 593

<210> 27357

<211> 422

<212> DNA

<213> *Aspergillus nidulans*

<400> 27357

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ccccccaaga gtgaggatca ggcccatgct gacaaccgta tgctgactct gccctacctt 120
gttctgctct gcaataaccg actaatctgg gattgttagat gacctctccg agagacaagt 180
ctattactgc gacaaataca gcgcgggct ctgcgcttgc ttctgcccgt acaacaagta 240
tgattactac aagtgcgctc cgaattactg ccagtgtac aacgtgtacg caccggactg 300
ctattacgctg tactactact actcgcttgg tggctatcct tcgcccggg agtatgaagt 360
ccaccggcct aagtacccgc actgtcccgc gtatccatac tgttagcgagc ggccgtacac 420
ga 422

<210> 27358

<211> 447

<212> DNA

<213> *Aspergillus nidulans*

<400> 27358

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acgcccctcg agtcggacct gactttcac acacacgacg cccgagccgc cacgctctgc 120
ggctctggat acacgttgaa taaggccgtt cccctgccta aaggcgttgg accggacaag 180
cgcaaggcaa cgctctttgc ttacagcaac aatggaaaag gctgcgttt cctcgacaac 240

aacgtcgaa agaagcagta catgtccatc aaggtatgca aagtcggggg taaaaactgc 300
gacagcgaca ctggctcctt tagccaatac gcggggcctg tctatgtgtc aagctttgct 360
tgtgcgccgg ttacccgcaaa gatgggtctc tcgtcgagca atttgtatgt gaactataag 420
aatgactatg tttcccttg taattaa 447

<210> 27359
<211> 408
<212> DNA
<213> Aspergillus nidulans

<400> 27359

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gcgactggat atcaccattc agatcaagtc accgacagcg ccagtgcgga tatgagcgct 120
caggagccaa acgtttcaag gcagagcttc agctatgagc ctgcagtgtt tcctcagtct 180
acattcgcgc atacagagca agctatcacc cacagccac ccctggagct ttcaacatg 240
catccggagc agcaaaccctg gatagaaaac ctgattcaag acagcagccc tagaacctac 300
attccagtt ttacccggctg gggagaattt gactcgctgg ctctcacagg cctgggagag 360
ttaggtcaca tattctcatc caatgatcta ccggatttcc ggggttaa 408

<210> 27360
<211> 285
<212> DNA
<213> Aspergillus nidulans

<400> 27360

atggtcgcgt gggctgttct cctgctggct gtatggctg cgacgctgct ccacctactc 60
tataactatt cccgcctaaa gtccgtttcg gggcccatcc tcgctgcatt cacagatgcc 120
tggagggcaa atgcacagcg gtcatcatca tcttctgaat acggccgact tctgaaagag 180
ttacatcgca agtatgggt tgctgtgcgt ctggggccgg ggttcgtgag tttaagcgaa 240
gtggggata ttacaagagt ttatcatact ctgctccagg acgag 285

<210> 27361
<211> 438
<212> DNA
<213> Aspergillus nidulans

<400> 27361

atggctcca ttaggcctaa agttccacg aaaggccgca aacgctgggg tcgtggaaag 60
agcaaccact tcgagagccg caccaagagg aatcgcaaaa tcccgccct tggtatcaac 120
cggatcgaga gaaaccgtac agagaggagc agtgccgaga gacagcgtgc tgagaggaat 180
aaggtgaga agagtcacgc cgtaaatagt attgctgaaa aataccgcgc tgagaaacag 240
ctgccctgga gaccgccgac gcctctagcc attcttgccc aaaaacacga actggcattg 300
tctagaaaag ccctgttccc gcagtcaggc ccttctgctg cgagcaagaa gcccaagcca 360
gtcatcacta aatccagaca tggtctggct aaatacaagc ctgtggccca gtggccgtca 420
ccggaacctt tggagatg 438

<210> 27362
<211> 405
<212> DNA
<213> *Aspergillus nidulans*

<400> 27362

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gacagtgacc aggtcgtggt gaatacgcta gctgacctat ttgatattaa gaaagccctg 120
tccaaagata cttcggcgca attagtcggc tcaatgactg acgcgtctct tcaaaacctg 180
accgacaaac gttacagcag ccgcttcggc gcagttgact cggaaatccac tgaggttgc 240
actcgaaact ctccttccac acttgcgacg cagaatgaca accctccggt tggattatc 300
gacgggggtc tctctcaacg aattggagca aggcggagta aaccatctcc caatgaaatg 360
agaaaacgcg gtgcccctgg tacggcgaag agcgatgtatg agtaa 405

<210> 27363
<211> 302
<212> DNA
<213> *Aspergillus nidulans*

<400> 27363

agattcaaat gtgactcgga cctccattga gctggctctg aagtatgaca agtctcattt 60
tttccttggaa aacagcatca agatagtata ggccaccaag gtccctcgag gagggcagtt 120
tagttcgatt acggaaccgg ggaataactct cgatctcctg tcggagttctg cgcataatca 180

aaggattgtt cagaaggaag aagaacacag agacaaaagc ctgcgtata atctgaatgc 240
 tcgcagcgag gatgaggccg tcgggtgcac taatggcaag tttgcggta gcgctgggc 300
 cg 302

<210> 27364
 <211> 443
 <212> DNA
 <213> Aspergillus nidulans

<400> 27364

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 ggtgattcca ctggaaacgg cgatttcctc gatgagcagc aactaggaa ctacttgc 120
 tttcttaacg aatcttcttc gaagaataac gacgaatctc tggatccgtt tgggttctcg 180
 gctgataacg gcgatgccca tttgcataag aggagttct cagccagtga tgcttg 240
 gggtcagagg agcccgatt tggtggcggg gttacaaca gttccttca cggtggttta 300
 ggtgatgatt ttgattctcc tggtggtttt ggctcgccgg attatgttcc tagacagcaa 360
 gaggagattt tgaggatgaa gatggcttag agacagcgaa tggctgctgc tcagttttt 420
 gcggctactg gttctccaaat gtc 443

<210> 27365
 <211> 326
 <212> DNA
 <213> Aspergillus nidulans

<400> 27365

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 ttcacaagga tccgcggcgt tcgcaccaag ggaaggtagg cgtcaccacg acctagtcca 120
 gcctcagtct gagctcccta aatacctgga taatgtttcc gtgttgtgg actagcctgg 180
 tctaattcat ctgataagcc catcccactc cgcggggccc aatataattgt agggaaatgc 240
 agagactgat gtcagcaata cagatagaga aaatcgtcac cgatgaggct gaggctgagc 300
 aagaaaaacgt gaagaatcct cccaaag 326

<210> 27366
 <211> 363

<212> DNA
 <213> *Aspergillus nidulans*
 <400> 27366

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 atcaaaaatca cgcgagtccc accggaaaat tggcgccgg tcaagaaatt gcgccttatt 120
 gatccggaac aaagtattct cttgacctcg tcgaaaggga gtagcagcct tgggttgcgt 180
 caagcacgag gaaatagcca atccaccacc aatcttcaga cttcggaaaca gggtgcagaa 240
 gcgttgaaga aggaccgcca gtaccccca tatcgatttgc caatcaattt gaaaaattgg 300
 tggatggtct tgaatggta cgaaaaccct ttaccgaaa agaaaatgtc ttggcgccct 360
 taa 363

<210> 27367
 <211> 383
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27367

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 agccgcccgcg ctacgattgt gcgtgggcaa ggcgagcctg gtcaccgagc tgccccagcg 120
 cgtggggaa acaatgatgc aagattcggaa agccgtatttgc atatcgaga aattactgac 180
 aaagcaggtaa aggaatatcg acggtaaaaa ttccagttca atttgaacgc ggagattcca 240
 ctctcaagaa aaaggccgct caagattccc acgagggtta ttccgaccgca gatgtggaga 300
 ttcaagacga taggacagag gggaaagaag agcaggcgat gcgagagttt gaggaggaaa 360
 tgtcaaagaa cttgagagag tag 383

<210> 27368
 <211> 390
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27368

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 cctacaccgt ctccccacacc ctgcgtccacg cccatgccgt cggaagaatc atcctcatct 120
 acgaattctg gcccattgc cggtggtgtc gtcgggtgtc tcgcggccct tgctctgatt 180

ctcgcactgg cctggtatct catacgacgg cggcagaagg ctgcccaaag ttgcctttg 240
 gcatctacaa gtgactctgc ccctggccac gatacaaaag agcacgccgg attcttccag 300
 gcagagctgg acaacaatgc ataccgcgcg gagctgtatg ggaaccacga tggattgctg 360
 cacgagttgc ccgtggaggg aggacgatag 390

<210> 27369
 <211> 369
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27369

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 agactcactg ctgcatacaa tctacttacc cgtggtttcg agagactgca tatcaagttt 120
 atccccgcaa actacggcct atgcgtgttc ttcagattgg tggacaatttgc 180
 aaggaagaaa cagccgctgt gcacgaactt gcacagttgg gcttgggtgt ctcccagggg 240
 cagaactatg cgcttggaga cggcgcttgg ggatgggcga ggatcatctt tgcgtatccg 300
 ccagacgtca tccagcgggc gttggatgtt ctcgagaagt ttagacgggg ccgtgggggc 360
 tgcatttga 369

<210> 27370
 <211> 300
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27370

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 cggattccta ttgggggttag gttgcgagaa gaattggtcg tggagatcgc atggcagag 120
 tgggtggggaa gtcccgataaaa tggggattcg atcgtaggg ctgtaaacgt gccgagaaag 180
 cccgccttg taggcggtca cgggtttgtt gagggcgatc atggactctg tgacgtatgtt 240
 gtgggcattcg atgacgacgg agccgtcgag tctgacaagc tcatggggag gtgcggctga 300

<210> 27371
 <211> 741
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27371

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gctctagatc aacagataat gcgattctat gcaaaggccg tctttatctt tgagcgcgat 120
tcctcaaaaa cctcgattga cattgttac cacctgaagc aaggcctcgc cgtgaccttg 180
agcgagatac ctgacccgcg cgcgaccatt gctccagtcc cgaattctca ccgcaaggac 240
ctggagctac gcatcgggc caattcggc gtccctttca aggtcgtgga tcaaacaaag 300
caggaatctt gggtatatgg cacctaccct gatctggctg cgaaacactt ccccaccagt 360
gatattcctc acgatatcct cttcatccca cagccgcaac caagcgcgga cggactgcct 420
gctgcgttgc tgcaaggtaa tattattgat ggcggagtt tcacgcgat ctcatggcac 480
cattcagttat gtatgcgag aggcattcgt atcctgatcg atgcctggc caggcataca 540
gcgcacgtcgc tagcaaacgg caaacccgat ctgcctgcga caccaggcaga gggcagccgt 600
gatcggtggc gattagatca cggcctgcga gaggttacta ttgaccaact tcccgaaatac 660
acgattgata gctctgcccgcg cgaagaccca agcggttcctt acctgctcga ccgcgaaaac 720
cccgtcacag taccttatttc t 741

<210> 27372

<211> 486

<212> DNA

<213> *Aspergillus nidulans*

<400> 27372

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gagaagcgtg tcgcgaaaga gaaacatgct gccgagagtg tgaatgtcga tcccgatata 120
gccagggatt gggaaagttac tcttgaggtt gttttgcctg ccgcgtcggc gcctgcttag 180
gtgggtgata cccgcttatac tctgacagat ccgcgggttg aagtagctag tcaagcgatc 240
gtcgcgattc cgaccggcga caaggcctcg ggaaaacgtc cacaggttga cgactccaag 300
gagaagaaaa ggaagaagaa gaagaagaag aagaaggcag cgaaaaggga ggacaagcct 360
cctattttg aggataaggc tgcttcggcg aatctcctca gaaagtgcgc gagtagccta 420
cttccggctt cagatactct actggagtct agaaagtacg ctgagacggc gtcacatttt 480
ctaagg 486

<210> 27373
<211> 219
<212> DNA
<213> *Aspergillus nidulans*

<400> 27373

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cgcgtatga actgccccga ccgcacaggt cattcagatt cagaggtaca ttaccatcac 120
cagggcgtgc acccaaacgc cactgaacgc cccggctaca gcggcgatgg tcctgctgg 180
aaagcgaaac gaacatatgc aaactccccc ggactata 219

<210> 27374
<211> 436
<212> DNA
<213> *Aspergillus nidulans*

<400> 27374

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ggcctctgtg cctgttatca cgacctcgac ggccacggca actccttcgc ggatccccgt 120
ctttgttccc tctagctcca gctccagcgc ggtggttacc ttcaagaccc agatcaagag 180
ttccagccct ggtcccagct ccagttcgc tgcggctgca actactgaag ctccaacctc 240
caactagagcc tccccgtaca ctccatacac cggcaacggc ggcacaacat gcacggtaac 300
tgactatgct ggcatactcct cggccgttgc atcctgctcg aacatcatgc tctcggacgt 360
gtaccccccg ccctccagca ccattgaccc tcaaggatctg cagaccgggg cggcggtgat 420
ctttgcgggg aagacg 436

<210> 27375
<211> 444
<212> DNA
<213> *Aspergillus nidulans*

<400> 27375

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agtctgcgca aggagcttg ctatgaaagt gcttttgcg aggatatcgt cgagctgagc 120
attttgagac gctgtgaact ggacaatctc tgcgtgcaca gcgtcaagaa tatggagcaa 180

accctgagta tcggaaacga cgatagaaaa gaggtcaaa aatggcaggt gtgcacggga 240
cagctgatcg gtagctggga tctggcttgc agccctaaaa cttcgccgta ggcaggtcaa 300
ggtagaaaaat aaggctcgt agattcctt cagctggcg ccatgaaaat cggtgatgct 360
ggtcgttagcg aagtccggag tgaagcgcgg gaccaggcta tcgtacagac tcacgacttc 420
gaccgcccgcg ttagggggag gaat 444

<210> 27376

<211> 212

<212> DNA

<213> Aspergillus nidulans

<400> 27376

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gtccaaagtc cgtggtcgtc aagagcagag gcaagacgat tcgaccgcag aacgagaact 120
ggctgttcaa tatgaacacg cctgccaaat acaagcaggc ccagacgctg agcgaagaga 180
tcacaacaat cacagaggat ctcagttcat aa 212

<210> 27377

<211> 264

<212> DNA

<213> Aspergillus nidulans

<400> 27377

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gaggttacgg cgaaggatga gtccatggag ctgtccgacc taacgcgtaa gtcgctcgaa 120
gatgacacgc gggcttggtc gaagcataat acggttgctg aggagcgggtt ctggatgcgg 180
cagaagggtt ggcgggagtc tgcccaggtg gcagcttcaa ttattgaaag ccaggcgaaa 240
ccggatatga agaagcagca atag 264

<210> 27378

<211> 267

<212> DNA

<213> Aspergillus nidulans

<400> 27378

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ccagttcaat	acgacacctcac	gtatcaggag	ctggcgagca	tcgtcaaccg	tcaggcctgg	180
tggctggctg	agtgtttca	tggaaagcc	agagacgtca	ccatcgctta	cagtcctta	240
atctctattg	gtcatctcct	gcactaa				267
<210>	27379					
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<213>	Aspergillus nidulans					
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aagacacaaat	ctcgagaaga	tggcatagaa	agcgccctcg	aggacgagag	ctcaggcgga	180
tcagagggag	aagaaagcga	tacagaagcg	ggaggtgtac	gcctacgtga	aaagaagcgc	240
ggacagcgtg	atgaatatga	aatgactca	gacgatgtat	gcaattacat	gaaccaagaa	300
tcccagtacc	ttgacgtgac	cgccgaagtg	aaaaaagcga	aggccaagaa	gaaccagaag	360
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acagcttttg	ggtatgtttg	taaagctatc	gtggatggat	tgcgctggac	cctaattttt	180
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cccactggta gcgaggtaact tggattatac ccttaacccg tcctctcgca tactgtatac 180
gatagacgat tctaacgagg tattacaggg ctgctggggc tgctgccagc ccaatgccat 240
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<400> 27382

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cagtcaatcg gcatcaacca gacccactca gaacccgatt cgactggtgg tgtctggacg 180
tgtttgagaa gatcctcgcc tttcagagcg gacgggcatt aa 222

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<213> *Aspergillus nidulans*

<400> 27383

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gttccaaacag tgaaccgcca gtccgagacc cgcgcaccta gtcggcggtc tcagggttag 180
cgggagctga aagcctcgct aagcgaagag acgctatcag accggagat ggatcacgccc 240
attcgcagca cgcggagag actggatacg ttggagcgga tattgcataa acgaaggctcg 300
caatccacta aggacaccga gtcttccgc gggaaactct ag 342

<210> 27384
<211> 306
<212> DNA
<213> *Aspergillus nidulans*

<400> 27384

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tacggtcgca gataccgccc tgtggcgtgt acgcccgtcg agtcaggtgg acgacatg 180
tggtggtgtg attgccagca aaagacgttc aaggacatgc tgaccggacg ggtttttgt 240
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gagtga 306

<210> 27385
<211> 207
<212> DNA
<213> *Aspergillus nidulans*

<400> 27385

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<210> 27386
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27386

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gacgacggcga catggccaa ggggggattc gacgctgaga ctgtgcattgc ttttaccctg 180
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<210> 27387
<211> 348
<212> DNA
<213> *Aspergillus nidulans*

<400> 27387

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cgcatcgaga cgccgtgatt cacgacggcg tgattgtggt atgtcaggca gattcggact 180
tcacattcag gaaccggcac cggctgagca tagacggtca tctttgagga cgccaggtcg 240
aacattcggt ctgccgggtgc tgccggcccg ggtgcctatg gagctggcaa agaaagatcg 300
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<210> 27388

<211> 422

<212> DNA

<213> *Aspergillus nidulans*

<400> 27388

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cggttagagaa ggacggcaat acgtcgaaca cgaaataacc taaggtggaa gacaagccca 180
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agggtcaggg aagcgcaggg gacccaatgc aaattgacca gaaacccaat actgagggcg 360
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<210> 27389

<211> 858

<212> DNA

<213> *Aspergillus nidulans*

<400> 27389

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ccacgcacatgc tgtaccgtat tcttctgggt attgttctcc aagctctgca gcagctcact 180
ggcgccaaact acttcttcta ctatggtacc accatcttcc agggtgccgg tatctccaac 240

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<210> 27390
<211> 764
<212> DNA
<213> Aspergillus nidulans

<400> 27390

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attgcaggaa cacatccaga ctcaagagtc ctgattaccg acatcaagat ctttgcgtct 180
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gggataacgg cgtacgccga tgggccggag gagatgcgag aggt 764

<210> 27391

<211> 282

<212> DNA

<213> Aspergillus nidulans

<400> 27391

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aagaggttgt ccaagggcaa atgcctacac tacggcgatc ctgaccactt tgtacaagag 180

tgccctataa aacctaccag acgccctagg caggtggcca cagtccagga agaacaagac 240

caaatcgatg actacagcaa gagcgagtca gaaaatgaat aa 282

<210> 27392

<211> 886

<212> DNA

<213> Aspergillus nidulans

<400> 27392

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gcgcagagct tgatcattgc gctgcaatgc atcccactcg aggcgcgttg ggataattct 120

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atcgtatgtg actcggttgcatttgcgtt ccggcgcaga ttgtcatggg gttgcaggcg 240

aagacggcga gggaaattggc actactggga atcttgcgtt ttggggtttt gtaagtcttc 300

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ggaatcggtt ctagactcgc tttcttaagtc ggcaccaag cagccaaaag tttccatgg 720

gagcggagtc tatgataaca cggttgatat tgggttggg aggagtccaa gtcaggaggt 780

tctctggaac ggatacgggg accgaagtta tggaatagg gtaatggga gtccgaggga 840
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<213> Aspergillus nidulans
<400> 27393

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<213> Aspergillus nidulans
<400> 27394

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agacttcgaa ctgagcttga ggacctcaca aacatcctcg gttcactggg agatgtata 180

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<210> 27395

<211> 776

<212> DNA

<213> *Aspergillus nidulans*

<400> 27395

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ttatcggcgc tgcaccact actggtgcca atggtgagac gactaccact gagactactt 720
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<210> 27396

<211> 878

<212> DNA

<213> *Aspergillus nidulans*

<400> 27396

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agcgacgacg ccggctccga aagctcagac acgggcatcc tcacgcccac tggcgaagag 840
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<211> 510
<212> DNA
<213> *Aspergillus nidulans*

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